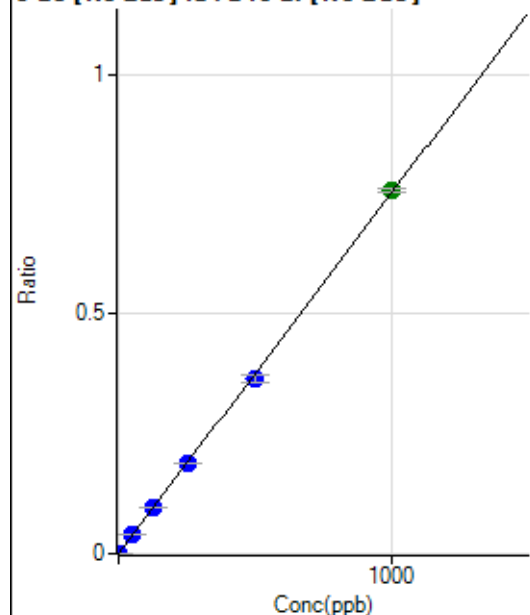


Batch Folder: D:\P8050818-MS .bb\
Analysis File: P8050818-MS .batch.bin
DA Date-Time: 2018-05-08 15:00:19
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-05-08 14:30:09
2			
3	005CALS.d	S02	2018-05-08 14:37:35
4	006CALS.d	S03	2018-05-08 14:41:17
5	007CALS.d	S04	2018-05-08 14:44:57
6	008CALS.d	S05	2018-05-08 14:48:31
7	009CALS.d	S06	2018-05-08 14:51:59
8	010CALS.d	S07	2018-05-08 14:55:23
9	011CALS.d	S08	2018-05-08 14:58:42

9 Be [No Gas] ISTD:6 Li [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	42.60	0.0000	P	32.7
2	☐	0.100					
3	☐	1.000	0.915	1368.62	0.0007	P	5.0
4	☐	50.000	52.440	76059.51	0.0395	P	0.5
5	☐	125.000	129.441	187454.54	0.0975	P	0.4
6	☐	250.000	251.006	370314.76	0.1891	P	0.3
7	☐	500.000	486.350	712282.75	0.3663	P	5.0
8	☐	1000.000	1005.897	1506221.98	0.7576	A	1.2
9	☐			351.87	0.0002	P	9.5

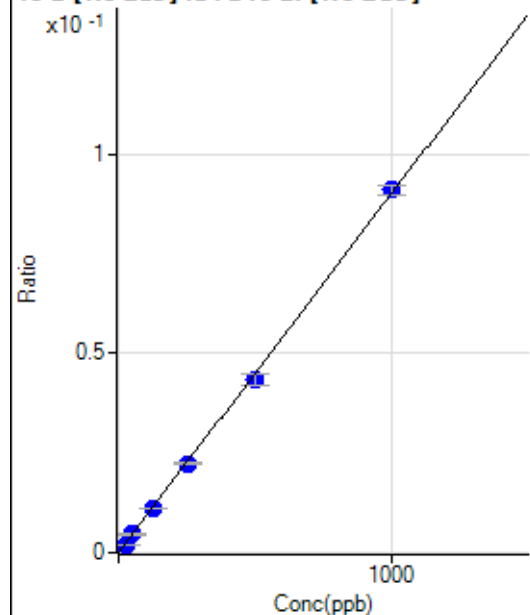
$$y = 7.5310\text{E-}004 * x + 2.1834\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.0284$$

Weight: <None>

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	42.6
2	☐	2.500					
3	☐	25.000	20.936	3722.89	0.0019	P	3.3
4	☐	50.000	51.070	8942.00	0.0046	P	5.9
5	☐	125.000	122.822	21358.30	0.0111	P	1.5
6	☐	250.000	246.571	43597.88	0.0223	P	2.1
7	☐	500.000	481.265	84356.54	0.0434	P	6.4
8	☐	1000.000	1010.545	181064.66	0.0911	P	2.4
9	☐			6804.70	0.0035	P	10.1

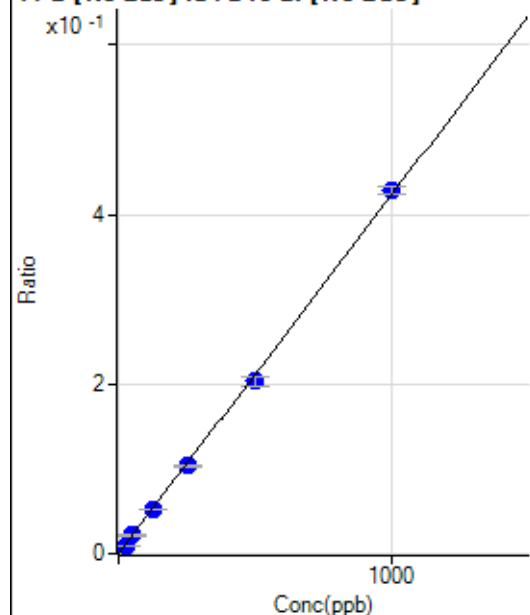
$$y = 9.0074\text{E-}005 * x + 4.7096\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.6675$$

Weight: <None>

Min Conc: 0

11 B [No Gas] ISTD:6 Li [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	355.58	0.0002	P	12.7
2	☐	2.500					
3	☐	25.000	20.778	17269.35	0.0090	P	2.8
4	☐	50.000	50.980	41814.66	0.0217	P	3.5
5	☐	125.000	124.422	101443.29	0.0528	P	1.8
6	☐	250.000	244.634	202876.09	0.1036	P	2.3
7	☐	500.000	479.962	394799.64	0.2030	P	5.3
8	☐	1000.000	1011.489	850262.42	0.4277	P	2.3
9	☐			31215.81	0.0161	P	12.6

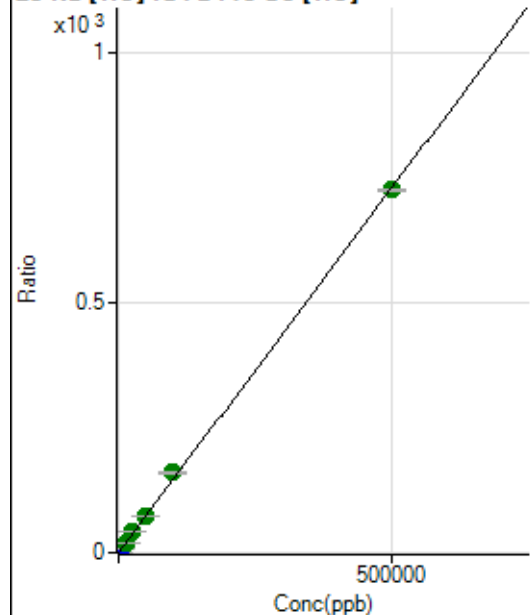
$$y = 4.2262\text{E-}004 * x + 1.8239\text{E-}004$$

$$R = 0.9997$$

$$DL = 0.1644$$

Weight: <None>

Min Conc: 0

23 Na [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6234.99	0.1094	P	2.5
2	☐	50.000					
3	☐	500.000	480.360	45685.35	0.8093	P	4.1
4	☐	5000.000	5643.575	477950.09	8.3319	P	1.6
5	☐	12500.000	14164.136	1197874.05	20.7461	A	1.2
6	☐	25000.000	27808.199	2411698.88	40.6251	A	0.2
7	☐	50000.000	51027.237	4442147.49	74.4544	A	0.6
8	☐	100000.00	109823.89	9459381.98	160.1192	A	3.8
9	☐	500000.00	497744.06	44614507.94	725.3060	A	0.4

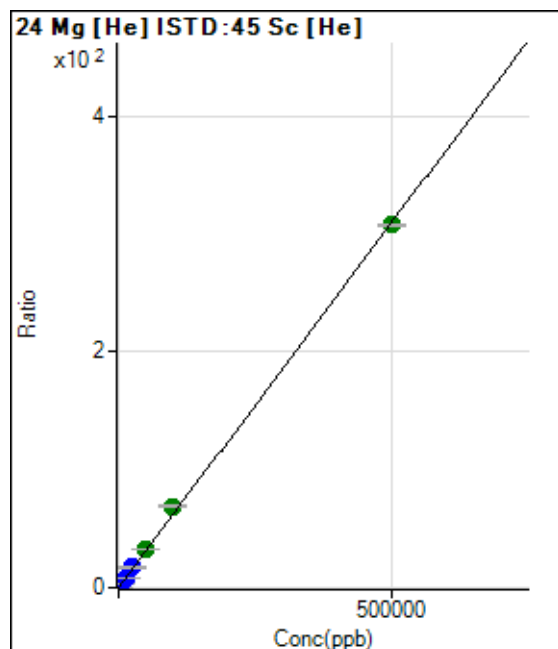
$$y = 0.0015 * x + 0.1094$$

$$R = 0.9998$$

$$DL = 5.556$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	169.46	0.0030	P	24.1
2	☐	50.000					
3	☐	500.000	483.973	17088.72	0.3027	P	4.2
4	☐	5000.000	5738.923	204067.97	3.5575	P	1.8
5	☐	12500.000	14034.370	502080.09	8.6954	P	0.7
6	☐	25000.000	27753.898	1020646.12	17.1929	P	0.7
7	☐	50000.000	52707.148	1947863.93	32.6482	A	0.7
8	☐	100000.00	111903.45	4095094.32	69.3126	A	3.4
9	☐	500000.00	497165.16	18941114.49	307.9319	A	0.7

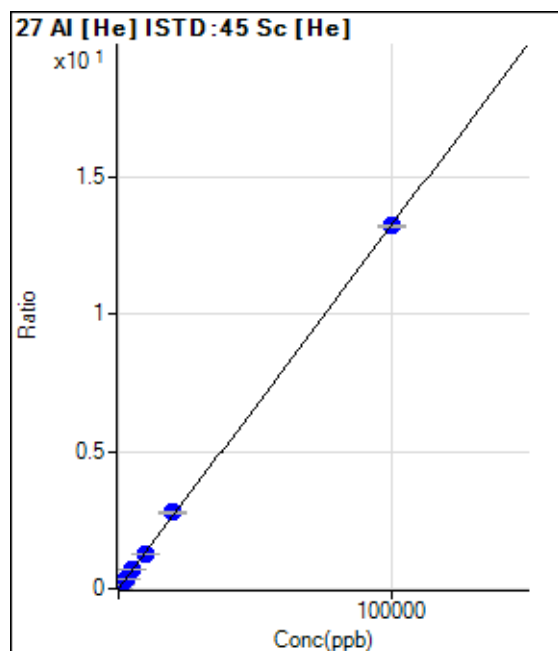
$$y = 6.1937\text{E-}004 * x + 0.0030$$

$$R = 0.9997$$

$$DL = 3.473$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.55	0.0005	P	15.6
2	☐	2.000					
3	☐	20.000	22.338	197.23	0.0035	P	10.7
4	☐	1000.000	1095.404	8347.24	0.1455	P	4.7
5	☐	2500.000	2557.512	19575.24	0.3390	P	3.0
6	☐	5000.000	5235.273	41166.11	0.6935	P	2.0
7	☐	10000.000	9615.385	75964.66	1.2732	P	0.5
8	☐	20000.000	20992.432	164181.12	2.7790	P	3.7
9	☐	100000.00	99825.819	812760.02	13.2133	P	0.6

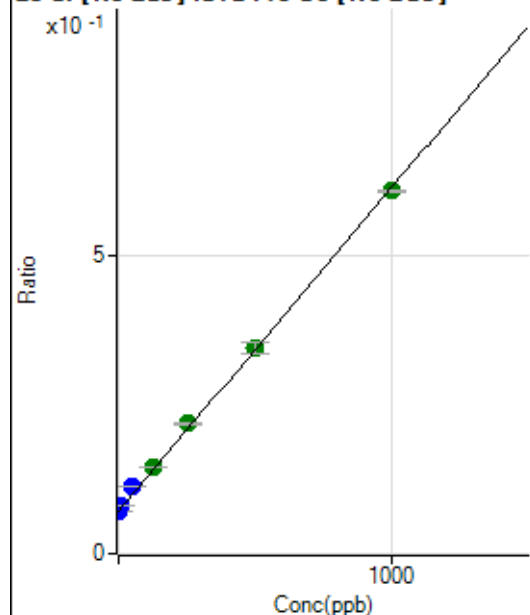
$$y = 1.3236\text{E-}004 * x + 5.3625\text{E-}004$$

$$R = 0.9999$$

$$DL = 1.895$$

Weight: <None>

Min Conc: 0

28 Si [No Gas] ISTD : 45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	463752.13	0.0716	P	1.2
2	☐	1.000					
3	☐	10.000	16.036	526492.90	0.0804	P	0.3
4	☐	50.000	74.945	738653.39	0.1124	P	0.4
5	☐	125.000	136.197	966052.15	0.1457	A	1.0
6	☐	250.000	270.476	1463239.66	0.2187	A	1.4
7	☐	500.000	504.238	2305206.56	0.3459	A	5.2
8	☐	1000.000	990.055	4218588.90	0.6101	A	0.3
9	☐			549875.28	0.0794	P	0.4

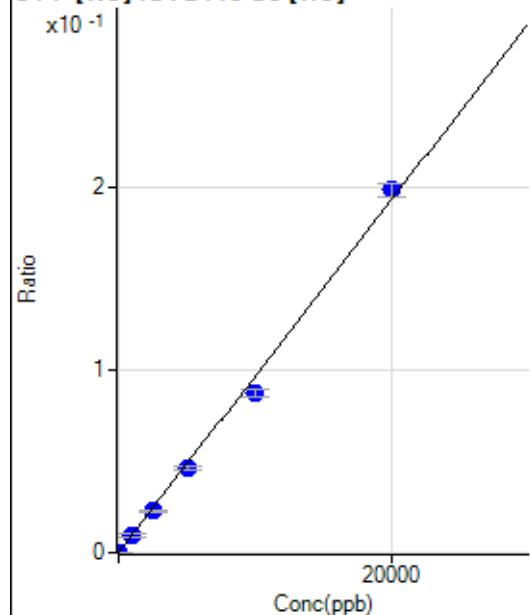
$$y = 5.4391\text{E-}004 * x + 0.0716$$

$$R = 0.9996$$

$$DL = 4.833$$

Weight: <None>

Min Conc: 0

31 P [He] ISTD : 45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	10.126	13.89	0.0002	P	34.5
2	☐	0.000					
3	☐	0.000	-10.126	2.78	0.0000	P	173.2
4	☐	1000.000	1003.106	563.93	0.0098	P	19.1
5	☐	2500.000	2336.639	1311.24	0.0227	P	8.2
6	☐	5000.000	4796.504	2758.71	0.0465	P	5.0
7	☐	10000.000	9022.405	5206.74	0.0873	P	5.7
8	☐	20000.000	20559.937	11741.42	0.1987	P	3.8
9	☐			27.78	0.0005	P	45.5

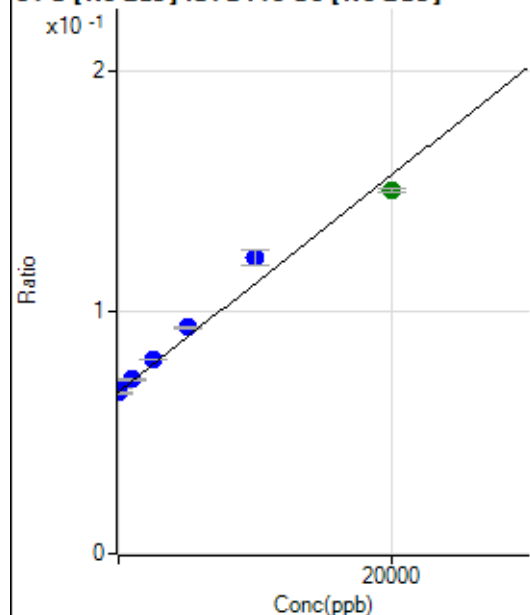
$$y = 9.6580\text{E-}006 * x + 1.4592\text{E-}004$$

$$R = 0.9982$$

$$DL = 26.02$$

Weight: <None>

Min Conc: 0

34 S [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	131.437	437905.53	0.0676	P	1.3
2	☐	0.000					
3	☐	0.000	-131.437	435468.42	0.0665	P	0.6
4	☐	1000.000	1151.040	474535.67	0.0722	P	0.6
5	☐	2500.000	3006.986	533869.15	0.0805	P	0.1
6	☐	5000.000	5957.754	627069.16	0.0937	P	0.6
7	☐	10000.000	12304.594	814241.34	0.1222	P	5.2
8	☐	20000.000	18537.339	1037788.62	0.1501	A	1.0
9	☐			420382.45	0.0607	P	1.0

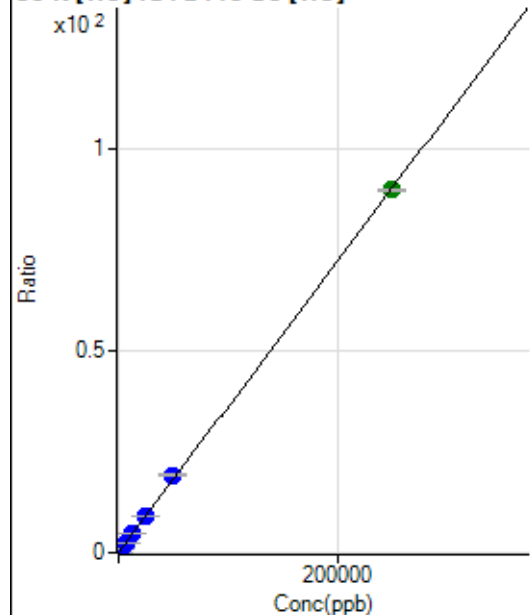
$$y = 4.4801\text{E-}006 * x + 0.0670$$

$$R = 0.9879$$

$$DL = 414.4$$

Weight: <None>

Min Conc: 0

39 K [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2919.90	0.0513	P	12.4
2	☐	50.000					
3	☐	500.000	468.597	12428.24	0.2201	P	2.8
4	☐	2500.000	2677.140	58257.15	1.0157	P	3.0
5	☐	6250.000	6607.356	140393.93	2.4315	P	1.0
6	☐	12500.000	13107.570	283354.16	4.7731	P	0.3
7	☐	25000.000	24394.784	527372.76	8.8392	P	0.4
8	☐	50000.000	52947.593	1130169.93	19.1250	P	2.5
9	☐	250000.00	249429.98	5530219.53	89.9055	A	0.2

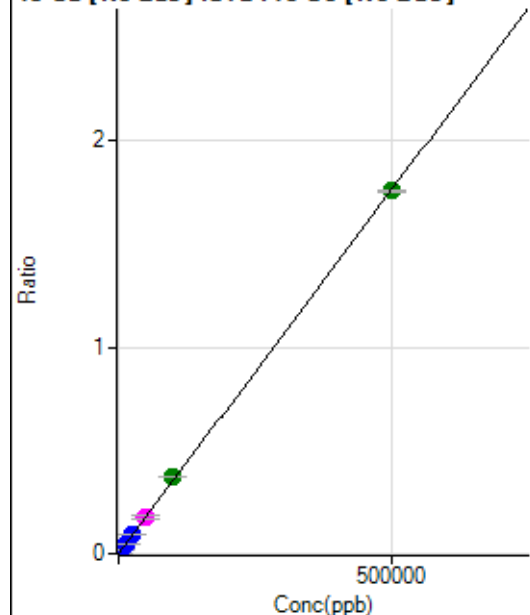
$$y = 3.6024\text{E-}004 * x + 0.0513$$

$$R = 0.9999$$

$$DL = 53.03$$

Weight: <None>

Min Conc: 0

43 Ca [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1055.64	0.0002	P	7.8
2	☐	50.000					
3	☐	500.000	438.874	11193.79	0.0017	P	0.4
4	☐	5000.000	5173.444	120783.44	0.0184	P	1.1
5	☐	12500.000	12902.124	302285.83	0.0456	P	0.9
6	☐	25000.000	25484.225	601333.97	0.0899	P	0.3
7	☐	50000.000	50261.126	1180098.43	0.1771	M	6.2
8	☐	100000.00	105953.45	2580512.21	0.3732	A	0.5
9	☐	500000.00	498747.25	12164320.84	1.7562	A	0.7

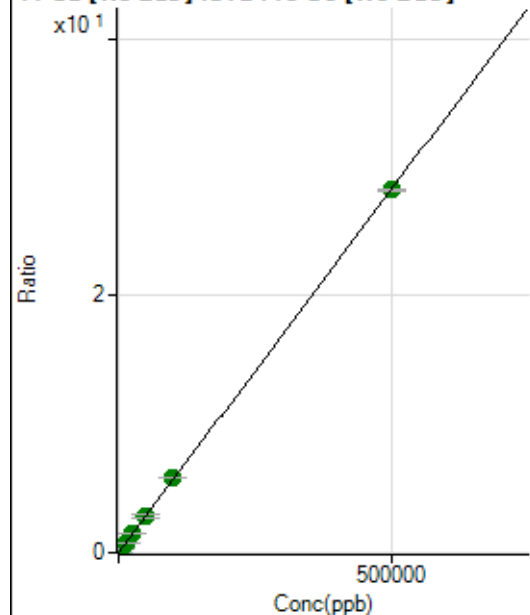
$$y = 3.5210\text{E-}006 * x + 1.6310\text{E-}004$$

$$R = 0.9999$$

$$DL = 10.81$$

Weight: <None>

Min Conc: 0

44 Ca [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	29707.67	0.0046	P	0.3
2	☐	50.000					
3	☐	500.000	442.022	193752.69	0.0296	P	1.1
4	☐	5000.000	5294.055	1996531.08	0.3038	A	0.9
5	☐	12500.000	12906.310	4866608.66	0.7340	A	0.9
6	☐	25000.000	25391.262	9630361.24	1.4396	A	0.6
7	☐	50000.000	50289.923	18967357.72	2.8468	A	6.1
8	☐	100000.00	103782.95	40587581.12	5.8701	A	0.2
9	☐	500000.00	499181.81	195436472.4	28.2169	A	0.9

$$y = 5.6517\text{E-}005 * x + 0.0046$$

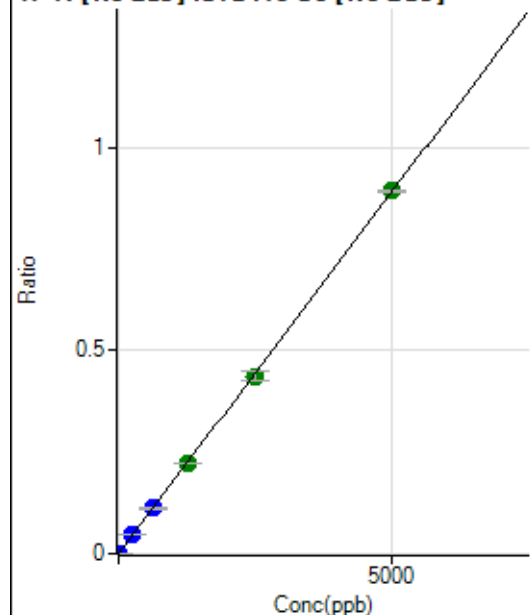
$$R = 1.0000$$

$$DL = 0.6331$$

Weight: <None>

Min Conc: 0

47 Ti [No Gas] ISTD :45 Sc [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	172.23	0.0000	P	12.7
2	☐	0.500					
3	☐	5.000	4.270	5145.65	0.0008	P	3.1
4	☐	250.000	253.415	296130.65	0.0451	P	0.5
5	☐	625.000	625.725	737409.82	0.1112	P	0.4
6	☐	1250.000	1255.300	1492419.80	0.2231	A	0.2
7	☐	2500.000	2457.053	2910426.82	0.4366	A	4.9
8	☐	5000.000	5019.888	6167985.21	0.8921	A	0.3
9	☐			2044.70	0.0003	P	2.2

$$y = 1.7770\text{E-}004 * x + 2.6615\text{E-}005$$

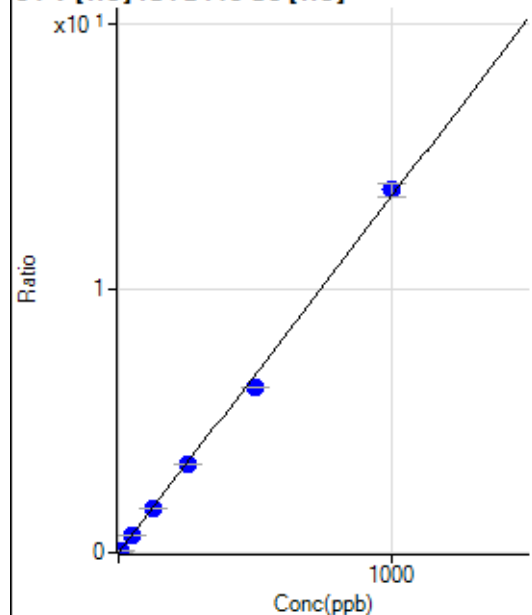
$$R = 0.9999$$

$$DL = 0.05712$$

Weight: <None>

Min Conc: 0

51 V [He] ISTD :45 Sc [He]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.89	0.0002	P	42.2
2	☐	0.500					
3	☐	5.000	4.322	3296.00	0.0584	P	5.0
4	☐	50.000	50.884	39342.01	0.6858	P	1.5
5	☐	125.000	124.199	96643.72	1.6738	P	0.9
6	☐	250.000	247.794	198233.68	3.3392	P	0.7
7	☐	500.000	464.483	373438.90	6.2592	P	0.6
8	☐	1000.000	1018.369	810680.56	13.7230	P	3.9
9	☐			363.34	0.0059	P	8.1

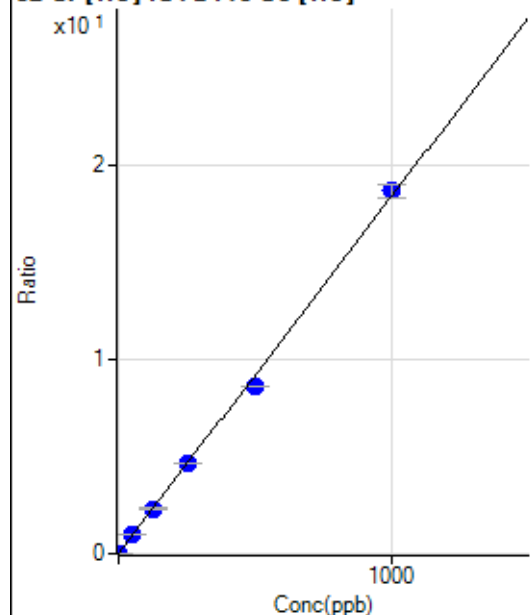
$$y = 0.0135 * x + 1.5565\text{E-}004$$

$$R = 0.9991$$

$$DL = 0.01463$$

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	761.15	0.0134	P	11.7
2	☐	0.200					
3	☐	2.000	1.915	2741.43	0.0486	P	3.3
4	☐	50.000	51.503	55050.09	0.9597	P	1.6
5	☐	125.000	125.777	134207.14	2.3244	P	1.5
6	☐	250.000	250.778	274328.68	4.6211	P	0.6
7	☐	500.000	467.683	513474.96	8.6064	P	0.9
8	☐	1000.000	1015.792	1103431.96	18.6773	P	3.6
9	☐			44051.50	0.7161	P	1.2

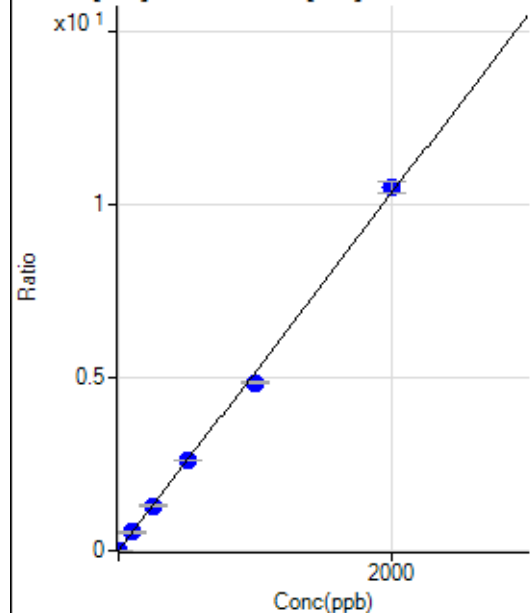
$$y = 0.0184 * x + 0.0134$$

$$R = 0.9992$$

$$DL = 0.2548$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0004	P	18.1
2	☐	0.100					
3	☐	1.000	0.942	296.68	0.0053	P	12.2
4	☐	100.000	103.258	30647.18	0.5343	P	2.4
5	☐	250.000	252.478	75399.94	1.3058	P	0.7
6	☐	500.000	501.655	154005.49	2.5942	P	0.3
7	☐	1000.000	937.747	289308.62	4.8491	P	0.8
8	☐	2000.000	2030.240	620278.42	10.4979	P	3.1
9	☐			2502.50	0.0407	P	2.8

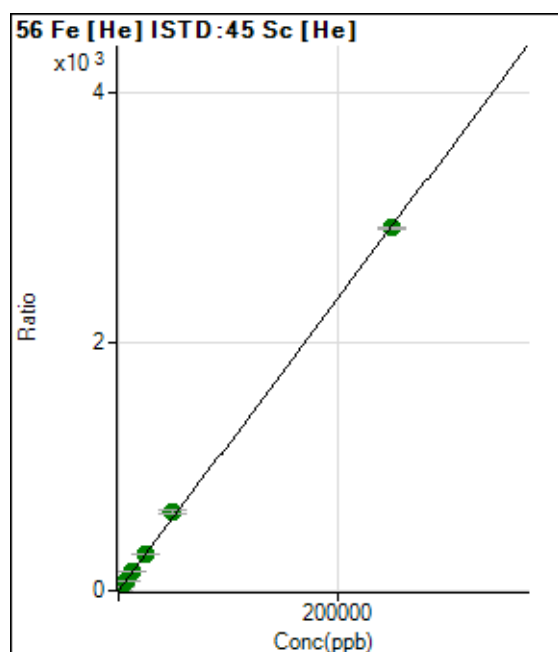
$$y = 0.0052 * x + 3.9045E-004$$

$$R = 0.9993$$

$$DL = 0.04102$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1868.70	0.0328	P	3.9
2	☐	5.000					
3	☐	50.000	48.123	33657.79	0.5960	P	2.3
4	☐	2500.000	2792.612	1876764.34	32.7176	A	1.9
5	☐	6250.000	6783.459	4586113.58	79.4265	A	0.8
6	☐	12500.000	13315.502	9253609.46	155.8776	A	0.7
7	☐	25000.000	25024.567	17476556.76	292.9206	A	0.5
8	☐	50000.000	54027.458	37360027.23	632.3707	A	3.6
9	☐	250000.00	249135.01	179361783.6	2,915.911	A	0.3

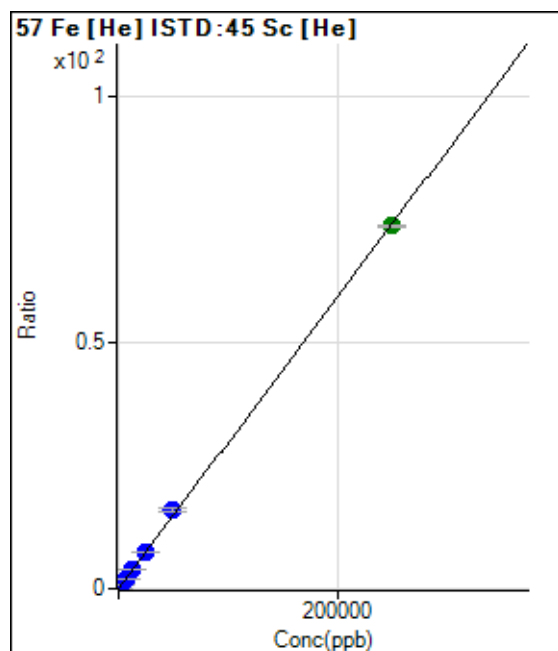
$$y = 0.0117 * x + 0.0328$$

$$R = 0.9999$$

$$DL = 0.3264$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55.56	0.0010	P	17.2
2	☐	5.000					
3	☐	50.000	52.386	929.69	0.0165	P	12.5
4	☐	2500.000	2734.348	46468.80	0.8100	P	1.2
5	☐	6250.000	6712.173	114733.54	1.9870	P	0.4
6	☐	12500.000	13341.452	234404.82	3.9486	P	0.4
7	☐	25000.000	24788.291	437656.55	7.3356	P	0.7
8	☐	50000.000	54014.910	944300.56	15.9834	P	3.5
9	☐	250000.00	249162.21	4534949.35	73.7254	A	0.3

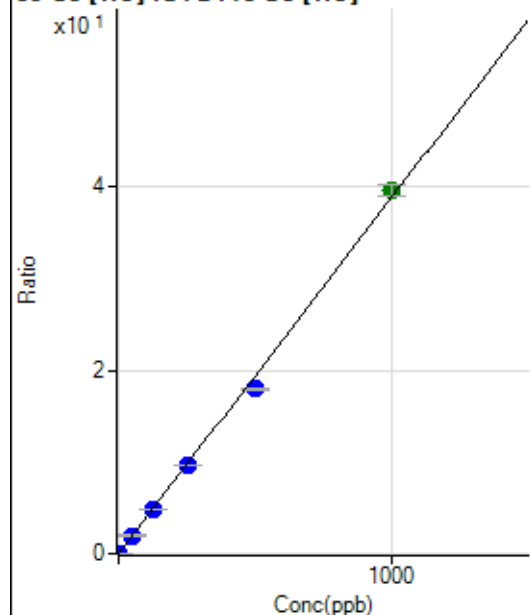
$$y = 2.9589E-004 * x + 9.7507E-004$$

$$R = 0.9999$$

$$DL = 1.697$$

Weight: <None>

Min Conc: 0

59 Co [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	72.22	0.0013	P	14.9
2	☐	0.100					
3	☐	1.000	0.869	1973.51	0.0350	P	4.8
4	☐	50.000	51.217	113975.60	1.9868	P	1.2
5	☐	125.000	124.513	278796.07	4.8284	P	0.6
6	☐	250.000	247.611	569944.94	9.6007	P	0.1
7	☐	500.000	462.858	1070680.76	17.9455	P	0.4
8	☐	1000.000	1019.169	2334518.18	39.5127	A	3.3
9	☐			3502.73	0.0569	P	5.2

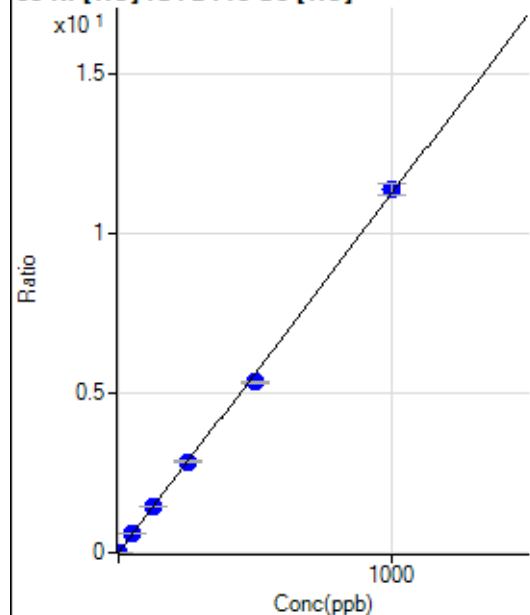
$$y = 0.0388 * x + 0.0013$$

$$R = 0.9990$$

$$DL = 0.01458$$

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	70.00	0.0012	P	13.4
2	☐	0.100					
3	☐	1.000	1.027	720.03	0.0128	P	10.4
4	☐	50.000	52.634	34012.90	0.5929	P	0.7
5	☐	125.000	129.240	83955.65	1.4540	P	1.3
6	☐	250.000	253.240	169064.87	2.8479	P	0.9
7	☐	500.000	475.372	318891.98	5.3449	P	0.7
8	☐	1000.000	1010.842	671455.53	11.3642	P	3.1
9	☐			16657.95	0.2708	P	1.6

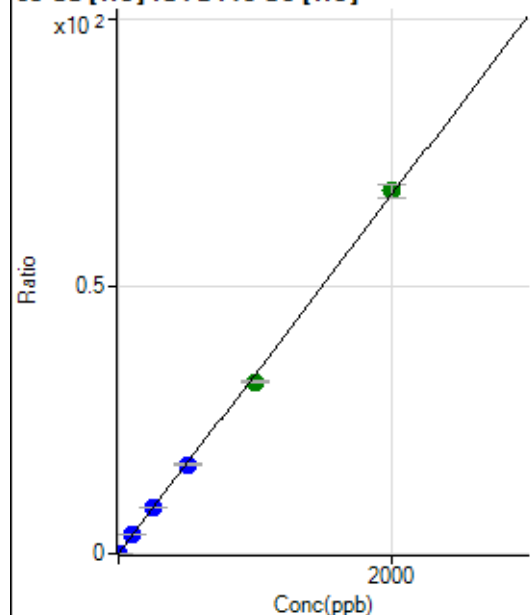
$$y = 0.0112 * x + 0.0012$$

$$R = 0.9995$$

$$DL = 0.04389$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1378.99	0.0242	P	3.3
2	☐	0.200					
3	☐	2.000	1.797	4764.24	0.0844	P	3.6
4	☐	100.000	103.277	199809.99	3.4830	P	0.7
5	☐	250.000	252.329	489343.35	8.4748	P	0.5
6	☐	500.000	497.899	991332.69	16.6991	P	0.4
7	☐	1000.000	954.772	1909193.93	31.9999	A	1.2
8	☐	2000.000	2022.684	4003241.43	67.7648	A	3.9
9	☐			6441.61	0.1047	P	1.3

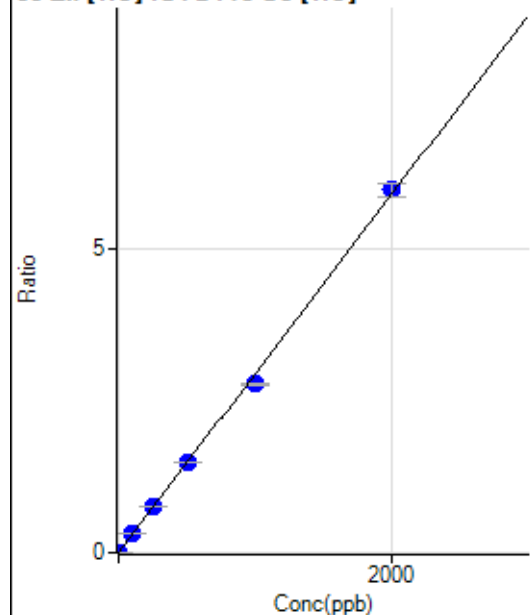
$$y = 0.0335 * x + 0.0242$$

$$R = 0.9996$$

$$DL = 0.0724$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	42.22	0.0007	P	4.5
2	☐	0.200					
3	☐	2.000	1.871	353.35	0.0063	P	7.9
4	☐	100.000	104.385	17714.90	0.3088	P	2.0
5	☐	250.000	257.931	43997.51	0.7620	P	1.4
6	☐	500.000	506.215	88738.27	1.4948	P	0.9
7	☐	1000.000	943.087	166108.57	2.7842	P	1.1
8	☐	2000.000	2025.692	353226.90	5.9794	P	4.0
9	☐			1068.95	0.0174	P	4.9

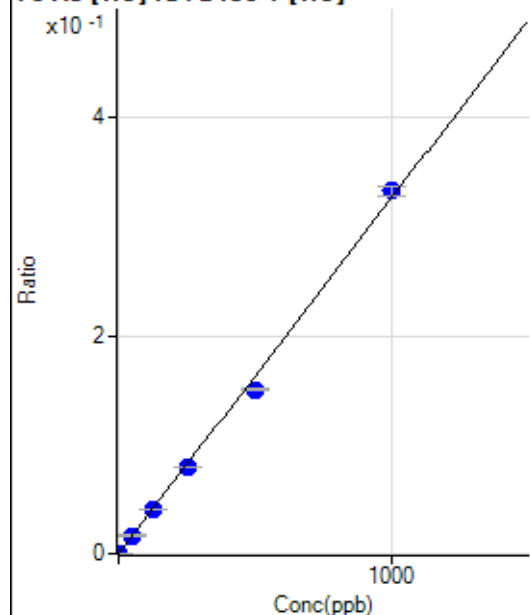
$$y = 0.0030 * x + 7.4113E-004$$

$$R = 0.9994$$

$$DL = 0.03361$$

Weight: <None>

Min Conc: 0

75 As [He] ISTD:89 Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.03	0.0000	P	26.5
2	☐	0.100					
3	☐	1.000	0.766	98.77	0.0003	P	10.4
4	☐	50.000	51.042	6191.56	0.0167	P	2.3
5	☐	125.000	125.602	15315.36	0.0410	P	0.9
6	☐	250.000	245.621	31216.11	0.0802	P	0.2
7	☐	500.000	461.952	59134.88	0.1509	P	1.2
8	☐	1000.000	1019.991	128121.21	0.3331	P	2.8
9	☐			110.50	0.0003	P	13.7

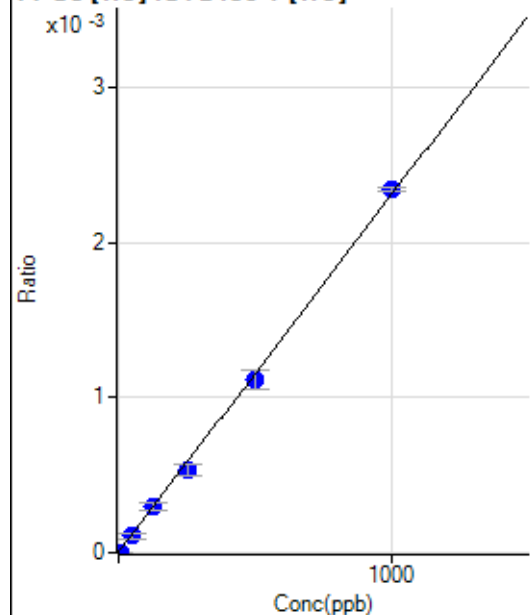
$$y = 3.2660\text{E-}004 * x + 2.1811\text{E-}005$$

$$R = 0.9989$$

$$DL = 0.05306$$

Weight: <None>

Min Conc: 0

77 Se [He] ISTD:89 Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	-1.306	0.00	0.0000	P	
4	☐	50.000	46.747	41.11	0.0001	P	32.5
5	☐	125.000	126.540	110.01	0.0003	P	18.6
6	☐	250.000	230.191	207.79	0.0005	P	13.6
7	☐	500.000	483.161	437.80	0.0011	P	10.5
8	☐	1000.000	1013.374	900.05	0.0023	P	1.1
9	☐			3.33	0.0000	P	0.3

$$y = 2.3051\text{E-}006 * x + 3.0116\text{E-}006$$

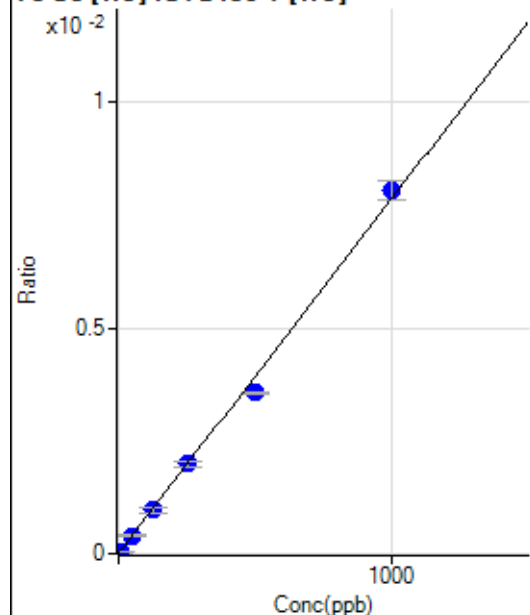
$$R = 0.9996$$

$$DL = 6.789$$

Weight: <None>

Min Conc: 0

78 Se [He] ISTD:89 Y [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.09	0.0000	P	91.6
2	☐	0.500					
3	☐	5.000	5.598	19.13	0.0001	P	16.7
4	☐	50.000	48.590	144.45	0.0004	P	10.3
5	☐	125.000	122.913	362.97	0.0010	P	13.2
6	☐	250.000	252.533	774.10	0.0020	P	6.1
7	☐	500.000	453.749	1398.23	0.0036	P	1.5
8	☐	1000.000	1022.821	3087.41	0.0080	P	5.2
9	☐			2.47	0.0000	P	114.8

$$y = 7.8437\text{E-}006 * x + 8.3871\text{E-}006$$

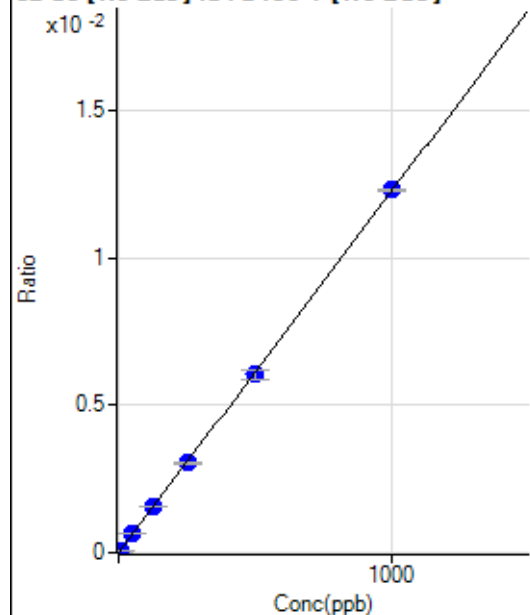
$$R = 0.9984$$

$$DL = 2.939$$

Weight: <None>

Min Conc: 0

82 Se [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-24.66	0.0000	P	-190.
2	☐	0.500					
3	☐	5.000	4.733	613.45	0.0001	P	7.4
4	☐	50.000	52.425	7019.81	0.0006	P	1.6
5	☐	125.000	126.510	17297.41	0.0015	P	1.2
6	☐	250.000	248.094	34345.25	0.0030	P	0.8
7	☐	500.000	492.358	68088.80	0.0060	P	6.1
8	☐	1000.000	1003.989	145707.48	0.0123	P	0.6
9	☐			141.81	0.0000	P	25.0

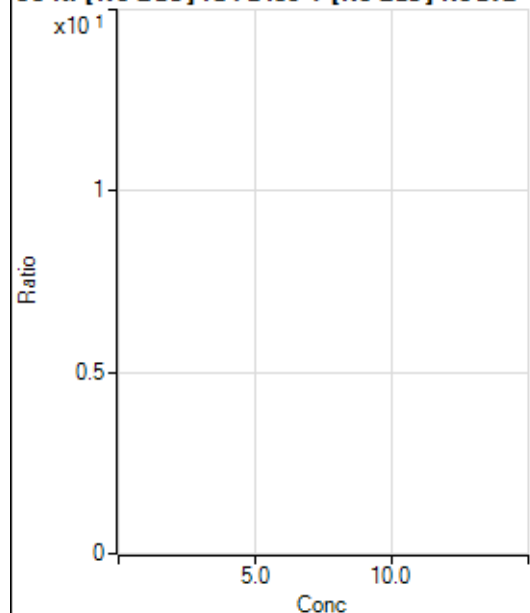
$$y = 1.2251\text{E-}005 * x - 2.2689\text{E-}006$$

$$R = 0.9999$$

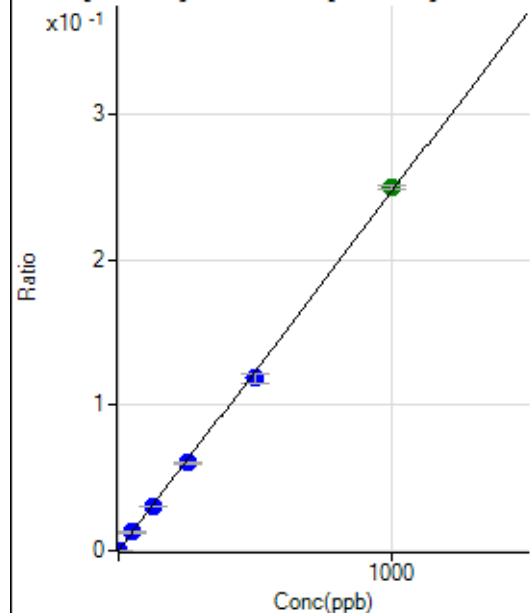
$$DL = 1.058$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] ISTD:89 Y [No Gas] No av_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			430.01	0.0000	P	13.2
2	☐						
3	☐			413.35	0.0000	P	7.7
4	☐			426.68	0.0000	P	14.9
5	☐			385.57	0.0000	P	6.0
6	☐			450.01	0.0000	P	10.0
7	☐			424.46	0.0000	P	7.5
8	☐			472.24	0.0000	P	14.6
9	☐			491.13	0.0000	P	6.6

86 Sr [No Gas] ISTD:89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	586.15	0.0001	P	25.4
2	☐	0.100					
3	☐	1.000	0.877	2972.70	0.0003	P	3.7
4	☐	50.000	51.051	138816.48	0.0127	P	2.0
5	☐	125.000	123.511	341380.35	0.0305	P	0.5
6	☐	250.000	245.063	684718.32	0.0606	P	1.4
7	☐	500.000	480.854	1341195.06	0.1188	P	5.8
8	☐	1000.000	1010.941	2957452.87	0.2496	A	1.2
9	☐			92518.28	0.0079	P	0.3

$$y = 2.4687E-004 * x + 5.3385E-005$$

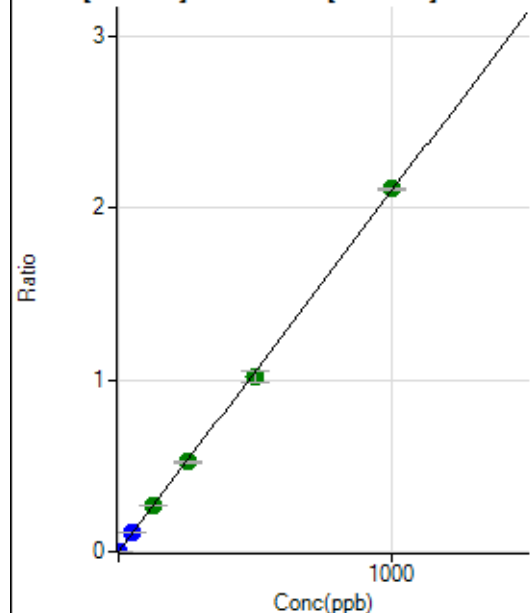
$$R = 0.9997$$

$$DL = 0.165$$

Weight: <None>

Min Conc: 0

88 Sr [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.67	0.0000	P	32.0
2	☐	0.100					
3	☐	1.000	0.885	20549.59	0.0019	P	4.4
4	☐	50.000	51.539	1186093.60	0.1081	P	0.8
5	☐	125.000	126.405	2964048.55	0.2652	A	1.3
6	☐	250.000	248.259	5890111.16	0.5209	A	0.3
7	☐	500.000	487.028	11536126.47	1.0218	A	6.5
8	☐	1000.000	1006.669	25023072.96	2.1120	A	0.9
9	☐			786934.78	0.0676	P	0.2

$$y = 0.0021 * x + 8.3250E-006$$

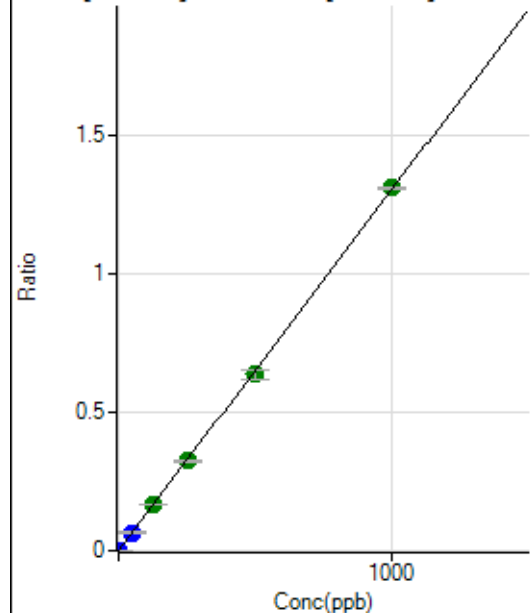
$$R = 0.9999$$

$$DL = 0.003811$$

Weight: <None>

Min Conc: 0

90 Zr [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	625.04	0.0001	P	10.5
2	☐	0.100					
3	☐	1.000	0.805	12175.37	0.0011	P	1.4
4	☐	50.000	50.591	723291.87	0.0659	P	1.4
5	☐	125.000	126.257	1838384.61	0.1645	A	0.7
6	☐	250.000	248.281	3657095.09	0.3234	A	0.5
7	☐	500.000	488.391	7184268.91	0.6361	A	5.5
8	☐	1000.000	1006.048	15524058.51	1.3103	A	0.7
9	☐			5006.73	0.0004	P	10.4

$$y = 0.0013 * x + 5.6852E-005$$

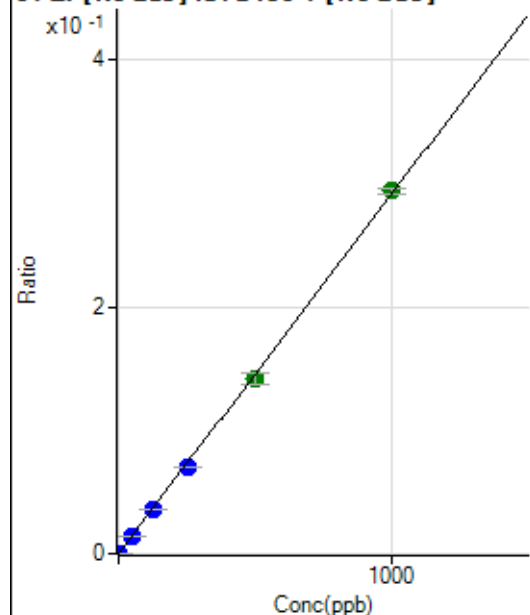
$$R = 0.9999$$

$$DL = 0.01376$$

Weight: <None>

Min Conc: 0

91 Zr [No Gas] ISTD: 89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	147.23	0.0000	P	11.8
2	☐	0.100					
3	☐	1.000	0.767	2608.72	0.0002	P	1.6
4	☐	50.000	49.752	159199.38	0.0145	P	0.6
5	☐	125.000	122.316	398605.09	0.0357	P	1.1
6	☐	250.000	241.768	797010.80	0.0705	P	0.3
7	☐	500.000	486.472	1601492.85	0.1418	A	5.6
8	☐	1000.000	1009.170	3484883.33	0.2942	A	1.6
9	☐			1164.00	0.0001	P	13.0

$$y = 2.9147\text{E-}004 * x + 1.3396\text{E-}005$$

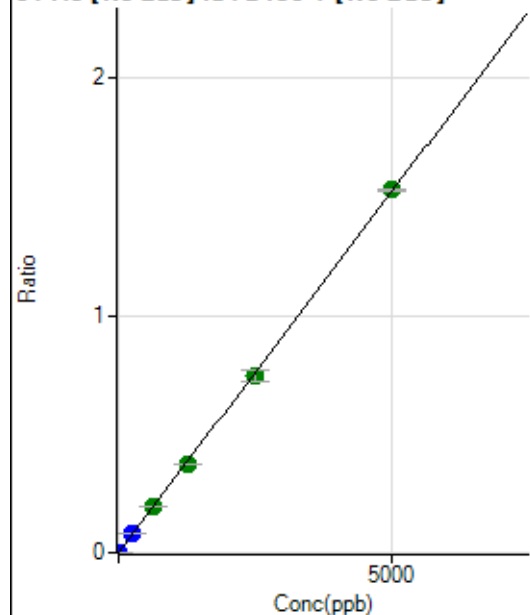
$$R = 0.9998$$

$$DL = 0.01628$$

Weight: <None>

Min Conc: 0

94 Mo [No Gas] ISTD: 89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	341.69	0.0000	P	20.4
2	☐	0.500					
3	☐	5.000	4.227	14500.00	0.0013	P	1.7
4	☐	250.000	255.954	854364.05	0.0779	P	0.8
5	☐	625.000	631.013	2145719.56	0.1920	A	0.9
6	☐	1250.000	1225.435	4215930.00	0.3728	A	0.3
7	☐	2500.000	2448.327	8409680.57	0.7448	A	6.3
8	☐	5000.000	5030.929	18133287.38	1.5305	A	0.4
9	☐			23248.42	0.0020	P	3.8

$$y = 3.0421\text{E-}004 * x + 3.1109\text{E-}005$$

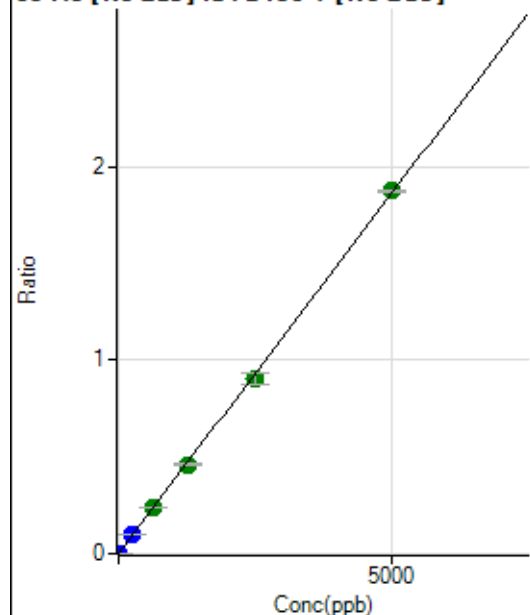
$$R = 0.9999$$

$$DL = 0.06252$$

Weight: <None>

Min Conc: 0

95 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	180.57	0.0000	P	29.9
2	☐	0.500					
3	☐	5.000	4.210	17422.97	0.0016	P	1.8
4	☐	250.000	255.051	1040916.21	0.0949	P	0.8
5	☐	625.000	633.956	2636086.13	0.2359	A	0.9
6	☐	1250.000	1234.640	5194001.98	0.4593	A	1.5
7	☐	2500.000	2433.348	10221248.14	0.9053	A	6.4
8	☐	5000.000	5035.795	22196993.90	1.8735	A	0.5
9	☐			37491.67	0.0032	P	4.1

$$y = 3.7203\text{E-}004 * x + 1.6418\text{E-}005$$

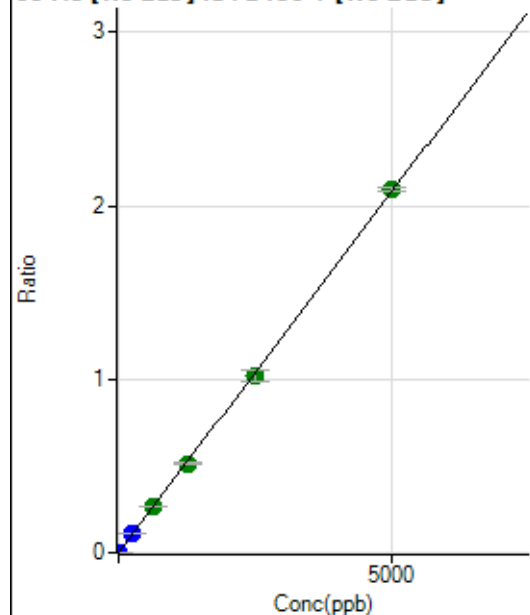
$$R = 0.9999$$

$$DL = 0.03954$$

Weight: <None>

Min Conc: 0

96 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	272.24	0.0000	P	4.9
2	☐	0.500					
3	☐	5.000	4.339	20140.81	0.0018	P	2.3
4	☐	250.000	254.658	1162040.94	0.1059	P	1.0
5	☐	625.000	628.667	2922702.32	0.2615	A	0.5
6	☐	1250.000	1233.032	5799582.73	0.5129	A	1.2
7	☐	2500.000	2449.757	11505226.38	1.0190	A	6.3
8	☐	5000.000	5028.673	24780778.33	2.0916	A	1.2
9	☐			42465.09	0.0036	P	3.8

$$y = 4.1593\text{E-}004 * x + 2.4772\text{E-}005$$

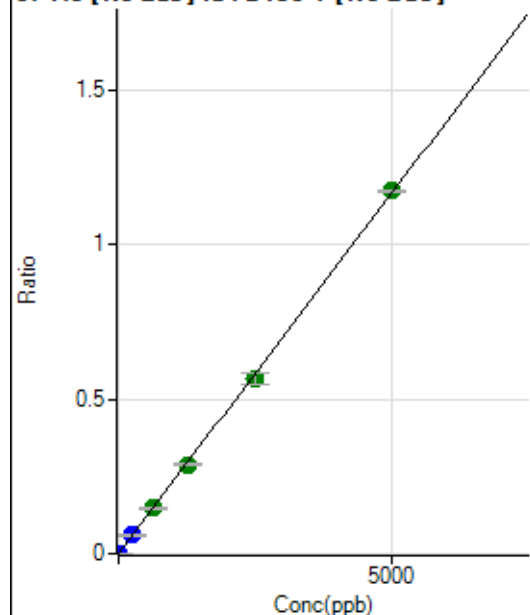
$$R = 0.9999$$

$$DL = 0.008813$$

Weight: <None>

Min Conc: 0

97 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	111.12	0.0000	P	37.6
2	☐	0.500					
3	☐	5.000	4.380	11369.21	0.0010	P	3.0
4	☐	250.000	254.453	651698.68	0.0594	P	1.1
5	☐	625.000	629.427	1642508.91	0.1470	A	1.6
6	☐	1250.000	1237.179	3266274.99	0.2889	A	1.7
7	☐	2500.000	2435.759	6419307.96	0.5687	A	7.0
8	☐	5000.000	5034.550	13926531.74	1.1754	A	0.5
9	☐			22975.83	0.0020	P	4.3

$$y = 2.3347\text{E-}004 * x + 1.0100\text{E-}005$$

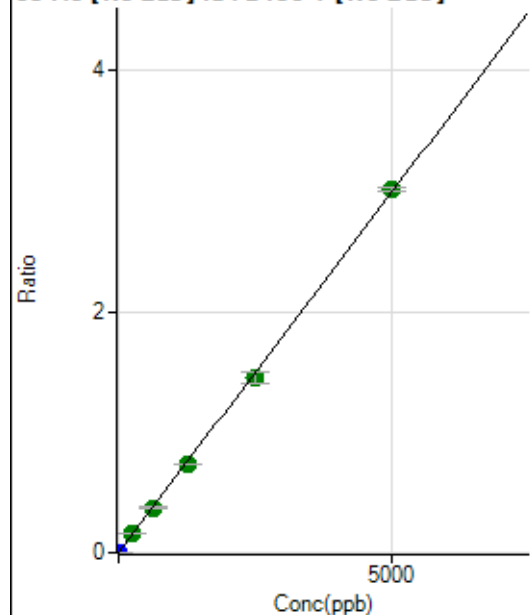
$$R = 0.9999$$

$$DL = 0.04878$$

Weight: <None>

Min Conc: 0

98 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	250.02	0.0000	P	30.9
2	☐	0.500					
3	☐	5.000	4.241	28155.12	0.0026	P	0.1
4	☐	250.000	258.297	1693368.55	0.1544	A	0.4
5	☐	625.000	623.772	4166479.35	0.3728	A	1.2
6	☐	1250.000	1227.964	8298468.33	0.7339	A	1.3
7	☐	2500.000	2438.436	16452770.68	1.4573	A	6.5
8	☐	5000.000	5036.030	35657055.66	3.0096	A	1.0
9	☐			59766.40	0.0051	P	5.2

$$y = 5.9762\text{E-}004 * x + 2.2771\text{E-}005$$

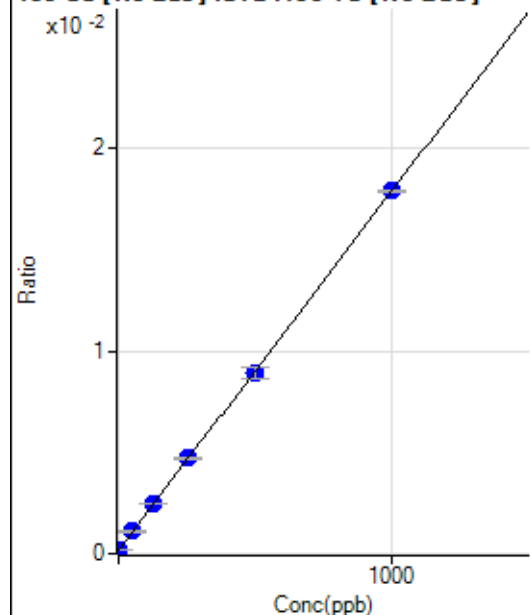
$$R = 0.9999$$

$$DL = 0.03536$$

Weight: <None>

Min Conc: 0

106 Cd [No Gas] ISTD :159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2016.90	0.0002	P	1.0
2	☐	0.100					
3	☐	1.000	2.063	2450.34	0.0002	P	2.5
4	☐	50.000	52.855	13259.81	0.0011	P	5.0
5	☐	125.000	129.007	30003.79	0.0025	P	0.8
6	☐	250.000	257.138	58196.24	0.0047	P	2.1
7	☐	500.000	492.076	111083.57	0.0089	P	6.6
8	☐	1000.000	1001.533	236094.43	0.0179	P	0.5
9	☐			2364.21	0.0002	P	7.2

$$y = 1.7694\text{E-}005 * x + 1.6987\text{E-}004$$

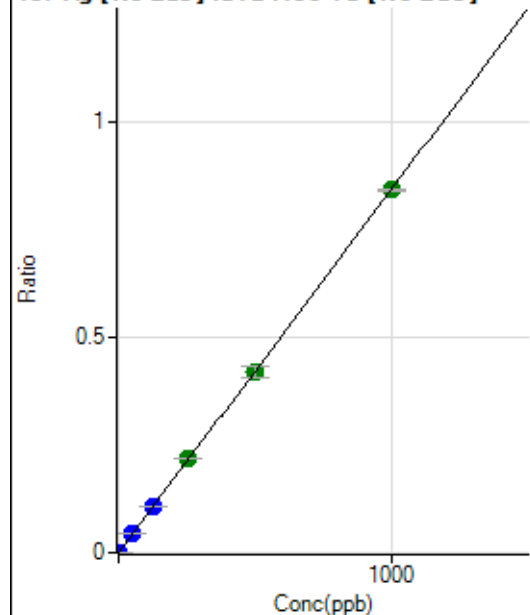
$$R = 0.9999$$

$$DL = 0.2896$$

Weight: <None>

Min Conc: 0

107 Ag [No Gas] ISTD :159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55.56	0.0000	P	8.1
2	☐	0.100					
3	☐	1.000	0.925	9323.09	0.0008	P	2.4
4	☐	50.000	53.171	538645.78	0.0449	P	0.8
5	☐	125.000	128.470	1326624.37	0.1084	P	0.3
6	☐	250.000	259.876	2704902.49	0.2194	A	1.1
7	☐	500.000	496.838	5247516.74	0.4194	A	6.7
8	☐	1000.000	998.520	11121724.29	0.8428	A	0.6
9	☐			1172.33	0.0001	P	10.4

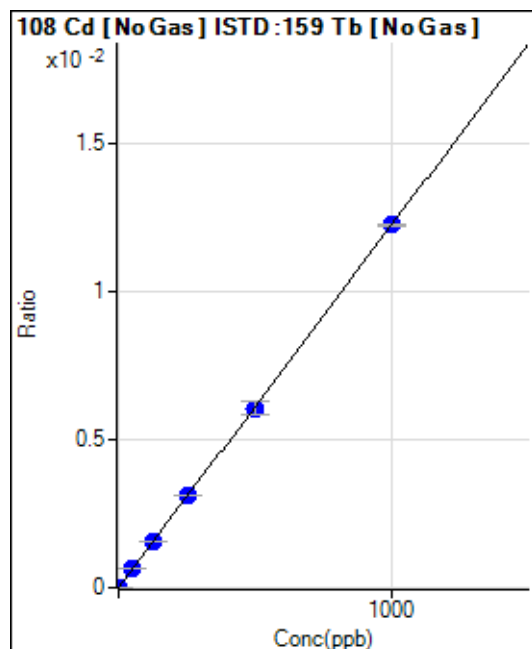
$$y = 8.4405\text{E-}004 * x + 4.6783\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.001352$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.33	0.0000	P	86.6
2	☐	0.100					
3	☐	1.000	0.746	116.67	0.0000	P	10.3
4	☐	50.000	52.600	7732.94	0.0006	P	2.3
5	☐	125.000	127.705	19127.76	0.0016	P	2.0
6	☐	250.000	255.881	38625.03	0.0031	P	0.5
7	☐	500.000	494.633	75739.28	0.0061	P	7.2
8	☐	1000.000	1000.745	161619.54	0.0122	P	0.8
9	☐			44.45	0.0000	P	18.7

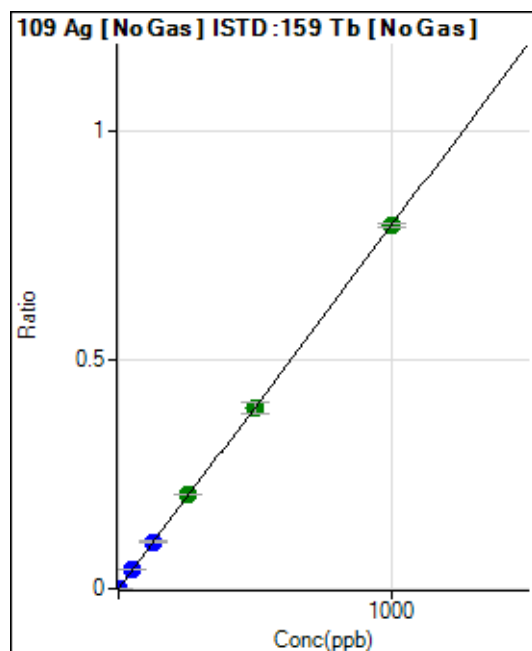
$$y = 1.2238\text{E-}005 * x + 6.9956\text{E-}007$$

$$R = 1.0000$$

$$DL = 0.1485$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	50.00	0.0000	P	17.4
2	☐	0.100					
3	☐	1.000	0.899	8536.44	0.0007	P	2.6
4	☐	50.000	52.906	505017.51	0.0421	P	0.3
5	☐	125.000	128.926	1254390.70	0.1025	P	1.2
6	☐	250.000	258.639	2536525.73	0.2057	A	1.0
7	☐	500.000	497.624	4951469.42	0.3958	A	7.1
8	☐	1000.000	998.392	10477742.25	0.7940	A	1.1
9	☐			1122.32	0.0001	P	2.2

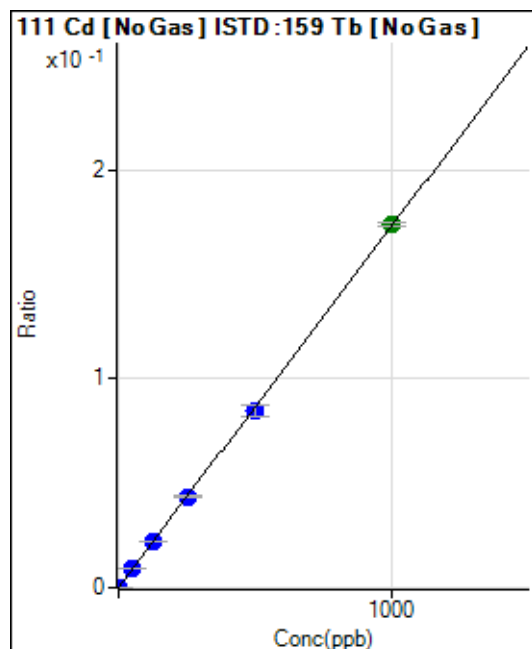
$$y = 7.9530\text{E-}004 * x + 4.2152\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.002763$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1419.88	0.0001	P	0.7
2	☐	0.100					
3	☐	1.000	0.976	3421.23	0.0003	P	1.8
4	☐	50.000	52.643	110491.54	0.0092	P	2.1
5	☐	125.000	128.022	271833.98	0.0222	P	1.4
6	☐	250.000	252.119	538188.53	0.0436	P	0.8
7	☐	500.000	489.431	1059112.80	0.0846	P	5.8
8	☐	1000.000	1004.245	2289321.36	0.1735	A	0.9
9	☐			2046.07	0.0002	P	7.7

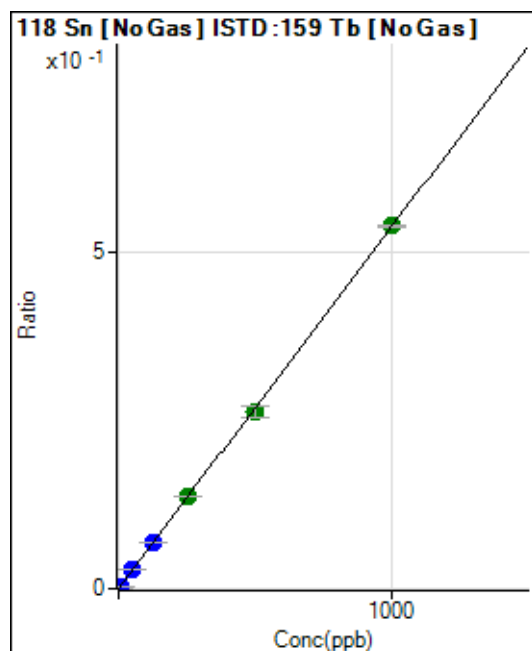
$$y = 1.7264\text{E-}004 * x + 1.1959\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.015$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1252.89	0.0001	P	9.4
2	☐	0.500					
3	☐	5.000	4.282	28578.69	0.0024	P	3.0
4	☐	50.000	52.009	336776.19	0.0281	P	0.6
5	☐	125.000	126.508	833239.05	0.0681	P	0.4
6	☐	250.000	254.582	1688803.05	0.1370	A	0.8
7	☐	500.000	490.647	3302049.25	0.2638	A	6.3
8	☐	1000.000	1003.245	7118038.96	0.5394	A	0.3
9	☐			12723.29	0.0010	P	5.0

$$y = 5.3754\text{E-}004 * x + 1.0551\text{E-}004$$

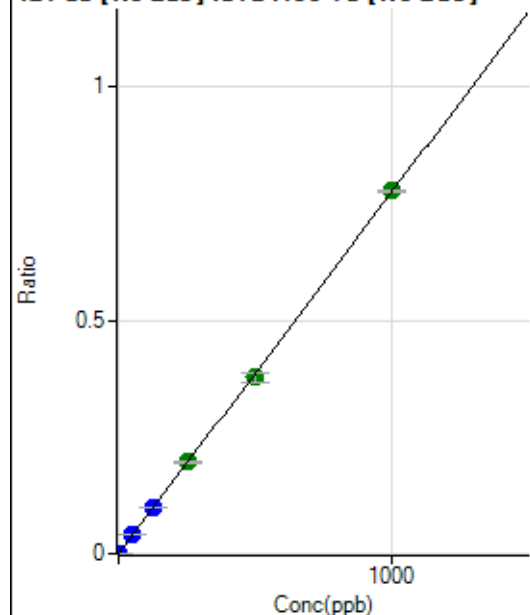
$$R = 0.9999$$

$$DL = 0.05546$$

Weight: <None>

Min Conc: 0

121 Sb [No Gas] ISTD : 159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	216.68	0.0000	P	30.6
2	☐	0.200					
3	☐	2.000	1.737	16166.01	0.0014	P	1.4
4	☐	50.000	51.407	477370.89	0.0398	P	1.2
5	☐	125.000	126.031	1192724.97	0.0975	P	1.1
6	☐	250.000	253.338	2416355.61	0.1960	A	1.6
7	☐	500.000	488.143	4726463.64	0.3776	A	5.7
8	☐	1000.000	1004.895	10256843.55	0.7773	A	0.7
9	☐			34200.41	0.0027	P	8.0

$$y = 7.7345\text{E-}004 * x + 1.8241\text{E-}005$$

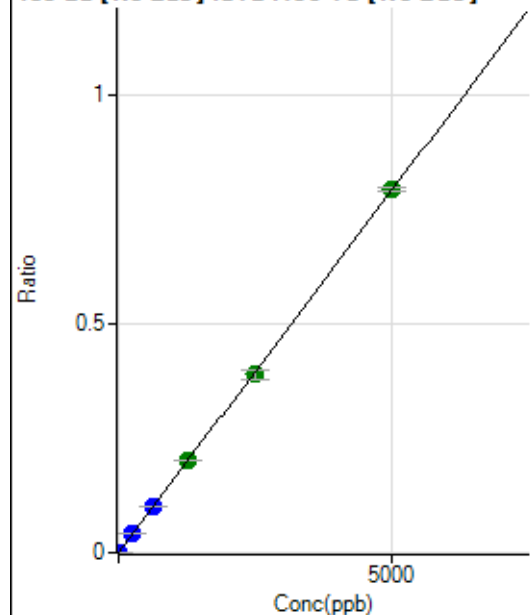
$$R = 0.9999$$

$$DL = 0.02168$$

Weight: <None>

Min Conc: 0

135 Ba [No Gas] ISTD : 159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.78	0.0000	P	79.6
2	☐	1.000					
3	☐	10.000	8.735	16488.73	0.0014	P	0.8
4	☐	250.000	262.555	499341.30	0.0416	P	1.7
5	☐	625.000	637.157	1235252.98	0.1010	P	0.8
6	☐	1250.000	1271.615	2484842.16	0.2015	A	1.2
7	☐	2500.000	2460.158	4879452.71	0.3899	A	6.1
8	☐	5000.000	5012.372	10481378.36	0.7943	A	1.0
9	☐			3000.49	0.0002	P	6.8

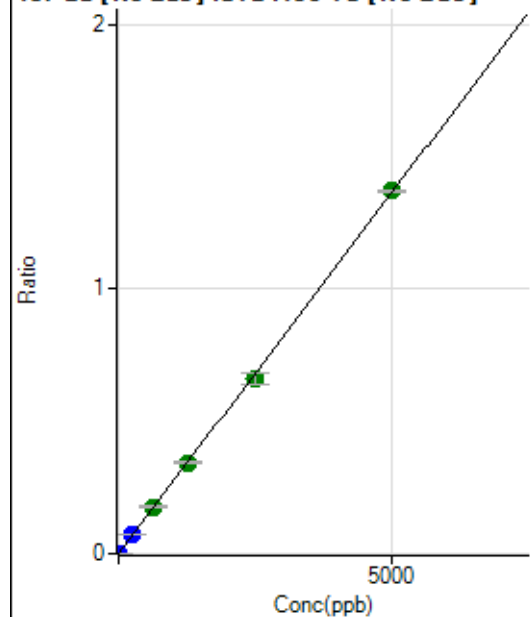
$$y = 1.5847\text{E-}004 * x + 4.4374\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.06688$$

Weight: <None>

Min Conc: 0

137 Ba [No Gas] ISTD :159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	66.67	0.0000	P	24.9
2	☐	1.000					
3	☐	10.000	8.760	28395.48	0.0024	P	0.6
4	☐	250.000	261.042	853293.04	0.0711	P	1.4
5	☐	625.000	652.707	2174824.92	0.1778	A	1.4
6	☐	1250.000	1264.621	4247478.22	0.3444	A	0.6
7	☐	2500.000	2421.690	8255616.16	0.6596	A	6.0
8	☐	5000.000	5031.487	18083861.69	1.3704	A	0.8
9	☐			5173.49	0.0004	P	4.0

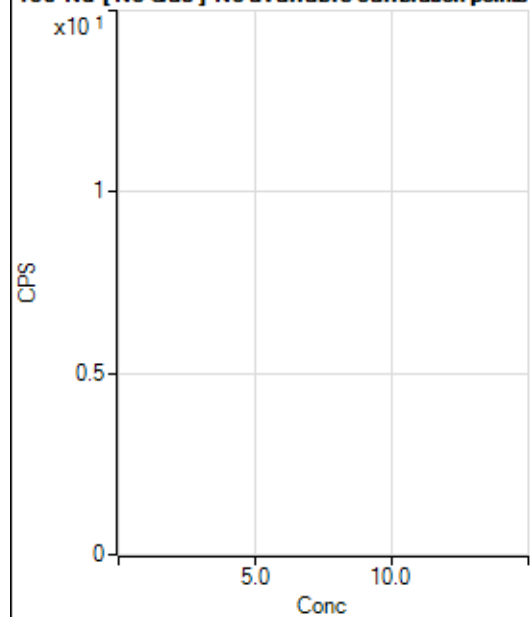
$$y = 2.7237E-004 * x + 5.6131E-006$$

$$R = 0.9998$$

$$DL = 0.01536$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			8.89		P	86.6
2	☐						
3	☐			6.67		P	100.0
4	☐			20.00		P	33.4
5	☐			88.89		P	37.0
6	☐			97.78		P	14.2
7	☐			191.12		P	10.1
8	☐			368.91		P	9.3
9	☐			108.89		P	35.3

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			3.33		P	100.1
6	☐			3.33		P	100.1
7	☐			3.33		P	100.1
8	☐			10.00		P	88.2
9	☐			15.55		P	44.6

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.45		P	24.7
2	☐						
3	☐			11.11		P	86.6
4	☐			27.78		P	34.6
5	☐			72.23		P	52.0
6	☐			41.67		P	34.6
7	☐			58.34		P	14.3
8	☐			105.56		P	16.4
9	☐			102.78		P	24.8

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			2.22		P	173.2
4	☐			3.33		P	0.0
5	☐			4.44		P	114.6
6	☐			3.33		P	100.1
7	☐			4.44		P	114.6
8	☐			17.78		P	28.6
9	☐			10.00		P	33.3

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			119.45		P	42.6
2	☐						
3	☐			75.00		P	29.4
4	☐			50.00		P	57.7
5	☐			94.45		P	5.1
6	☐			80.56		P	15.8
7	☐			55.56		P	75.5
8	☐			127.78		P	21.0
9	☐			150.01		P	30.9

160 Gd [He] No available calibration points

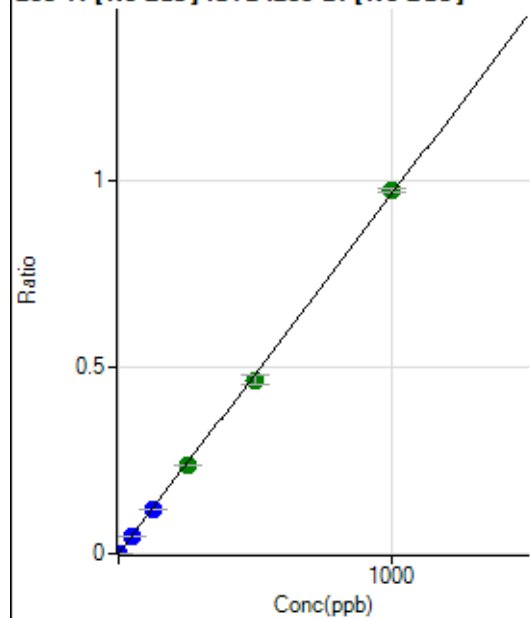
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	78.1
2	☐						
3	☐			16.67		P	40.0
4	☐			12.22		P	95.8
5	☐			6.67		P	50.0
6	☐			17.78		P	47.2
7	☐			21.11		P	48.2
8	☐			14.44		P	13.4
9	☐			31.11		P	37.6

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	0.0
2	☐						
3	☐			44.44		P	75.8
4	☐			63.89		P	37.7
5	☐			50.00		P	16.7
6	☐			50.00		P	44.1
7	☐			61.12		P	34.3
8	☐			63.89		P	27.2
9	☐			69.45		P	30.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	24.7
2	☐						
3	☐			4.45		P	86.6
4	☐			10.00		P	57.7
5	☐			10.00		P	57.7
6	☐			10.00		P	33.3
7	☐			14.44		P	35.3
8	☐			14.45		P	48.0
9	☐			10.00		P	33.3

203 Tl [No Gas] ISTD :209 Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	105.56	0.0000	P	9.6
2	☐	0.100					
3	☐	1.000	0.848	5651.54	0.0008	P	0.7
4	☐	50.000	49.712	328426.75	0.0479	P	1.0
5	☐	125.000	122.635	814447.29	0.1182	P	0.1
6	☐	250.000	244.884	1638196.12	0.2360	A	0.5
7	☐	500.000	483.657	3273457.06	0.4661	A	6.3
8	☐	1000.000	1009.760	7111301.46	0.9731	A	1.2
9	☐			3381.18	0.0005	P	3.3

$$y = 9.6368\text{E-}004 * x + 1.5491\text{E-}005$$

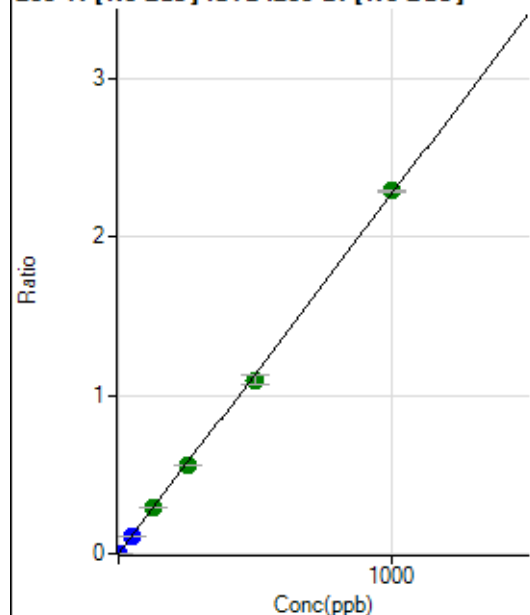
$$R = 0.9998$$

$$DL = 0.004609$$

Weight: <None>

Min Conc: 0

205 Tl [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	244.46	0.0000	P	16.4
2	☐	0.100					
3	☐	1.000	0.856	13429.91	0.0020	P	1.0
4	☐	50.000	50.028	778719.14	0.1136	P	0.7
5	☐	125.000	126.566	1980246.05	0.2874	A	1.1
6	☐	250.000	246.996	3892359.46	0.5608	A	0.6
7	☐	500.000	483.384	7708267.71	1.0975	A	6.1
8	☐	1000.000	1008.862	16739830.58	2.2905	A	0.3
9	☐			7969.55	0.0012	P	3.6

$$y = 0.0023 * x + 3.5823E-005$$

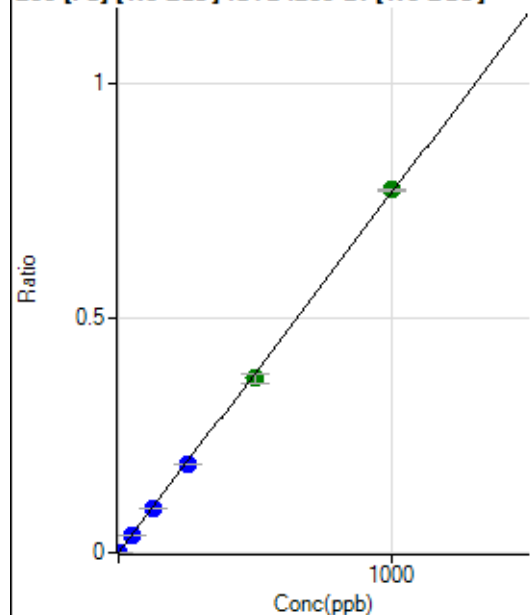
$$R = 0.9998$$

$$DL = 0.007773$$

Weight: <None>

Min Conc: 0

206 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	198.16	0.0000	P	18.6
2	☐	0.100					
3	☐	1.000	0.871	4717.70	0.0007	P	0.9
4	☐	50.000	50.145	263162.55	0.0384	P	0.1
5	☐	125.000	123.835	653088.18	0.0948	P	0.7
6	☐	250.000	245.665	1304784.82	0.1880	P	0.9
7	☐	500.000	485.132	2608169.15	0.3712	A	5.2
8	☐	1000.000	1008.656	5640456.78	0.7718	A	0.5
9	☐			9763.27	0.0015	P	0.7

$$y = 7.6514E-004 * x + 2.9091E-005$$

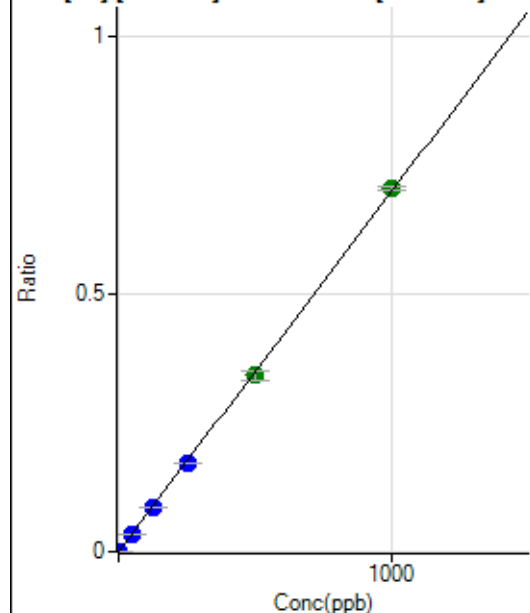
$$R = 0.9998$$

$$DL = 0.02117$$

Weight: <None>

Min Conc: 0

207 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	177.79	0.0000	P	14.7
2	☐	0.100					
3	☐	1.000	0.869	4304.58	0.0006	P	2.5
4	☐	50.000	49.903	239520.90	0.0349	P	1.0
5	☐	125.000	123.102	593807.52	0.0862	P	1.0
6	☐	250.000	243.759	1184200.54	0.1706	P	0.7
7	☐	500.000	488.619	2402140.50	0.3420	A	5.8
8	☐	1000.000	1007.493	5152815.10	0.7051	A	1.0
9	☐			8382.66	0.0013	P	2.8

$$y = 6.9982\text{E-}004 * x + 2.6059\text{E-}005$$

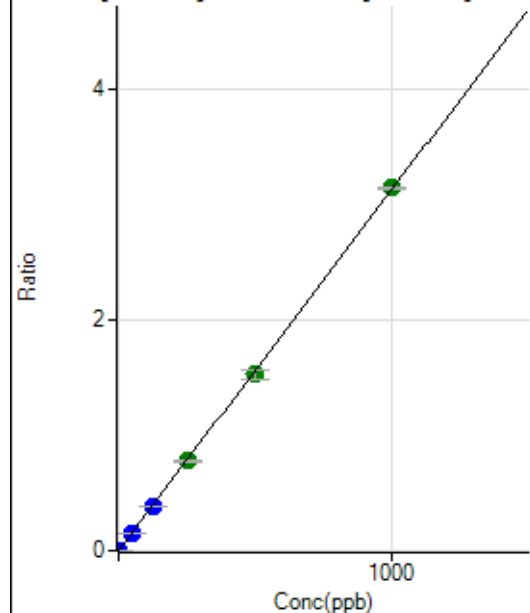
$$R = 0.9999$$

$$DL = 0.01637$$

Weight: <None>

Min Conc: 0

208 Pb [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	757.45	0.0001	P	7.6
2	☐	0.100					
3	☐	1.000	0.866	19158.12	0.0028	P	1.6
4	☐	50.000	50.044	1074503.44	0.1568	P	0.5
5	☐	125.000	123.771	2670726.61	0.3876	P	0.2
6	☐	250.000	248.527	5400775.79	0.7782	A	0.8
7	☐	500.000	488.152	10733687.80	1.5283	A	6.2
8	☐	1000.000	1006.444	23027157.58	3.1509	A	0.5
9	☐			38722.42	0.0058	P	2.0

$$y = 0.0031 * x + 1.1111\text{E-}004$$

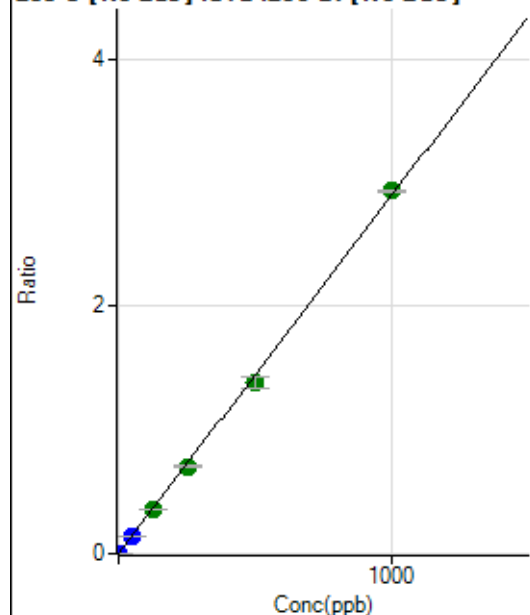
$$R = 0.9999$$

$$DL = 0.008094$$

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	80.56	0.0000	P	25.3
2	☐	0.100					
3	☐	1.000	0.833	16430.95	0.0024	P	1.5
4	☐	50.000	48.953	970786.72	0.1416	P	0.9
5	☐	125.000	124.496	2482143.13	0.3602	A	0.3
6	☐	250.000	243.600	4891566.69	0.7048	A	1.4
7	☐	500.000	477.247	9698628.08	1.3808	A	6.0
8	☐	1000.000	1013.092	21421944.23	2.9312	A	0.5
9	☐			2322.55	0.0003	P	4.1

$$y = 0.0029 * x + 1.1805E-005$$

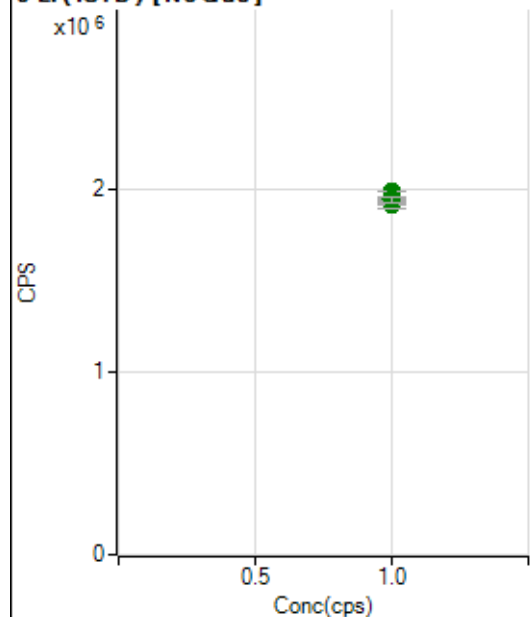
$$R = 0.9996$$

$$DL = 0.003095$$

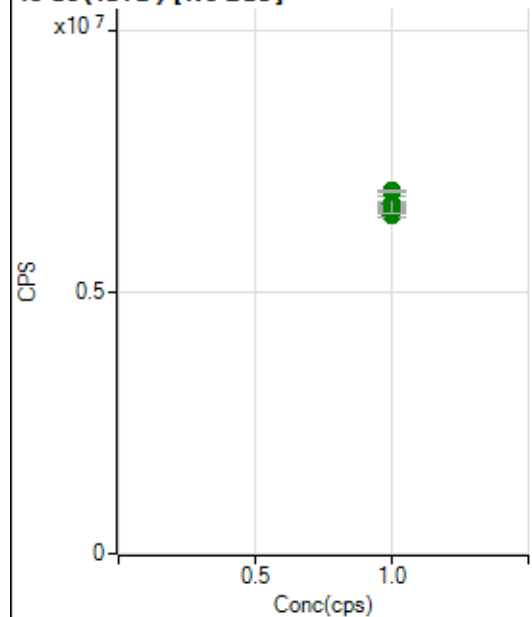
Weight: <None>

Min Conc: 0

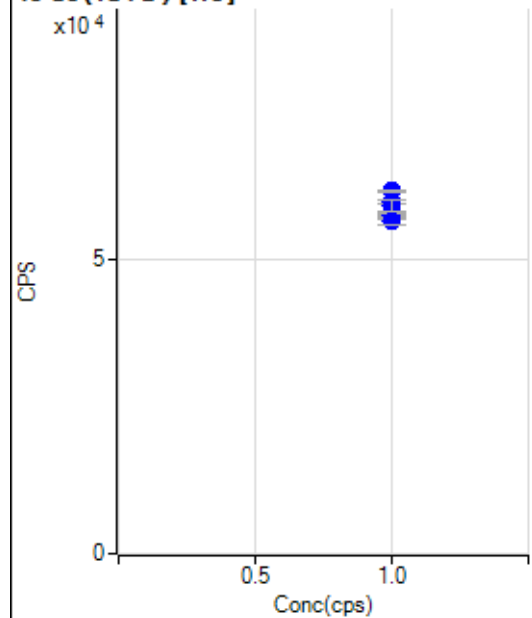
6 Li (ISTD) [No Gas]



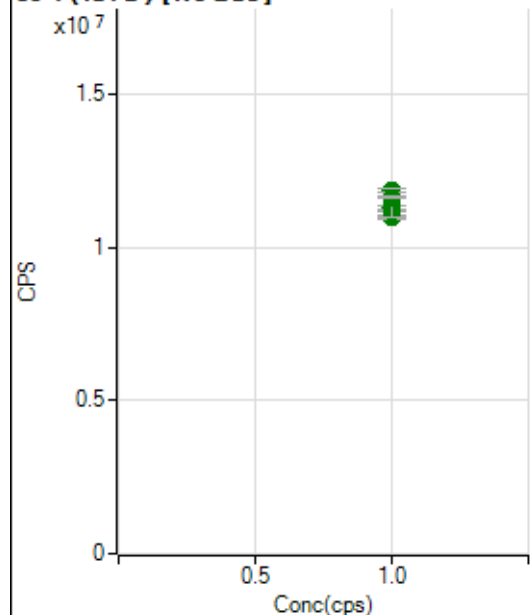
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1950950.70		A	0.9
2	☐	1.000					
3	☐	1.000		1926612.04		A	1.2
4	☐	1.000		1924906.85		A	1.2
5	☐	1.000		1922558.55		A	0.8
6	☐	1.000		1958769.26		A	0.6
7	☐	1.000		1947643.25		A	4.8
8	☐	1.000		1988216.41		A	0.1
9	☐	1.000		1944548.17		A	2.0

45 Sc (ISTD) [No Gas]

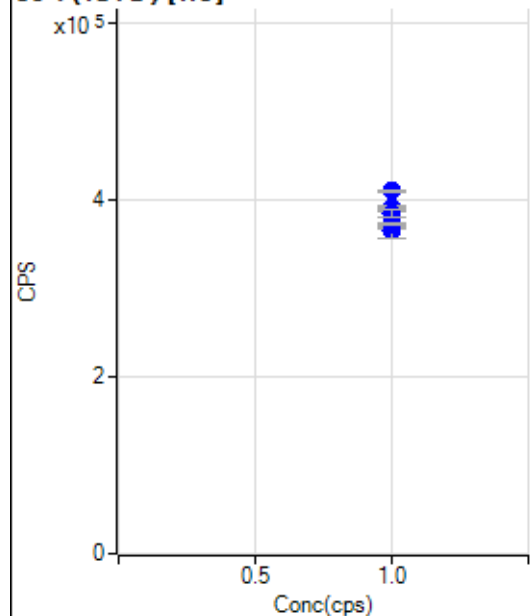
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6474977.83		A	1.2
2	☐	1.000					
3	☐	1.000		6552412.78		A	0.1
4	☐	1.000		6572184.87		A	0.5
5	☐	1.000		6630299.28		A	0.6
6	☐	1.000		6689576.45		A	0.5
7	☐	1.000		6676153.84		A	5.0
8	☐	1.000		6914265.35		A	0.4
9	☐	1.000		6926339.39		A	0.5

45 Sc (ISTD) [He]

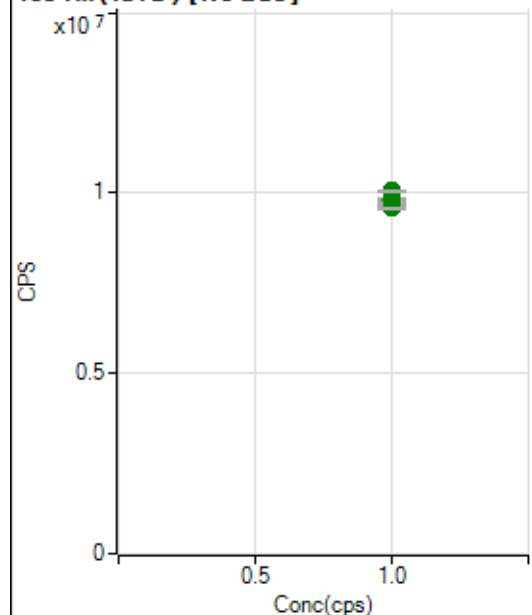
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		56967.41		P	1.0
2	☐	1.000					
3	☐	1.000		56491.40		P	2.8
4	☐	1.000		57370.09		P	1.1
5	☐	1.000		57741.62		P	0.4
6	☐	1.000		59364.85		P	0.2
7	☐	1.000		59663.85		P	0.6
8	☐	1.000		59125.32		P	3.3
9	☐	1.000		61511.69		P	0.3

89 Y (ISTD) [No Gas]

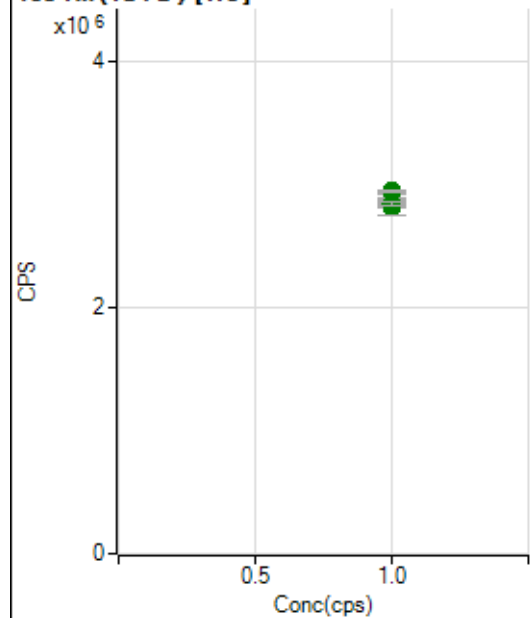
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10990945.53		A	1.0
2	☐	1.000					
3	☐	1.000		11010319.56		A	0.6
4	☐	1.000		10968462.61		A	0.3
5	☐	1.000		11176366.36		A	0.2
6	☐	1.000		11308346.36		A	0.6
7	☐	1.000		11316880.25		A	5.5
8	☐	1.000		11848471.77		A	1.1
9	☐	1.000		11645633.16		A	0.1

89 Y (ISTD) [He]

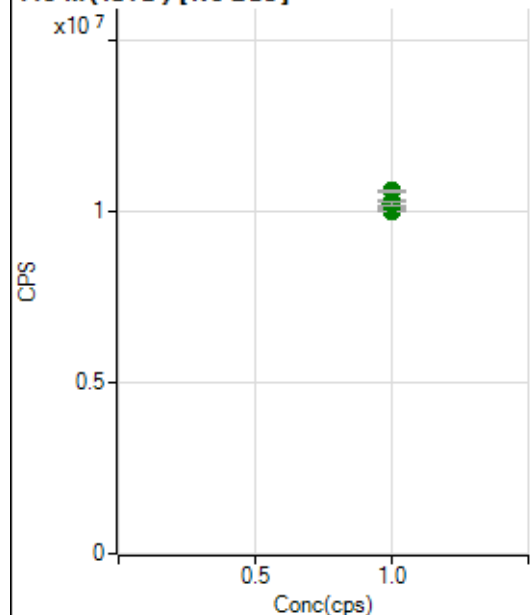
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		367902.37		P	0.2
2	☐	1.000					
3	☐	1.000		364269.01		P	3.9
4	☐	1.000		370916.07		P	0.5
5	☐	1.000		373148.36		P	0.3
6	☐	1.000		389024.32		P	1.0
7	☐	1.000		391916.59		P	0.7
8	☐	1.000		384752.03		P	2.4
9	☐	1.000		410022.65		P	0.3

103 Rh (ISTD) [No Gas]

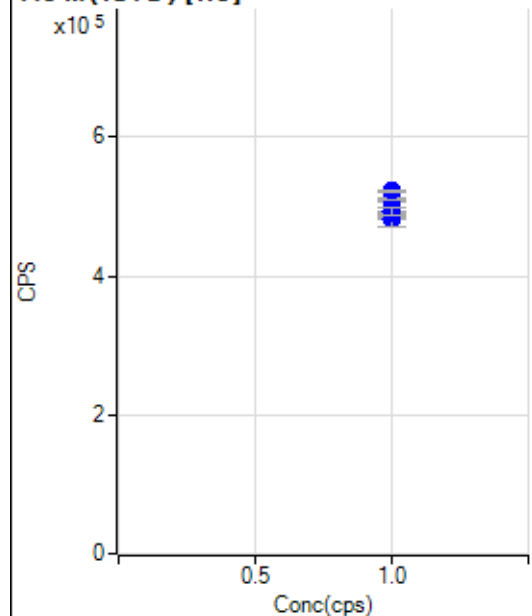
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9707988.76		A	0.7
2	☐	1.000					
3	☐	1.000		9756187.11		A	1.2
4	☐	1.000		9763366.54		A	0.2
5	☐	1.000		9787924.79		A	0.8
6	☐	1.000		9867710.03		A	0.3
7	☐	1.000		9795527.56		A	5.3
8	☐	1.000		10062105.00		A	0.4
9	☐	1.000		9578765.23		A	0.2

103 Rh (ISTD) [He]

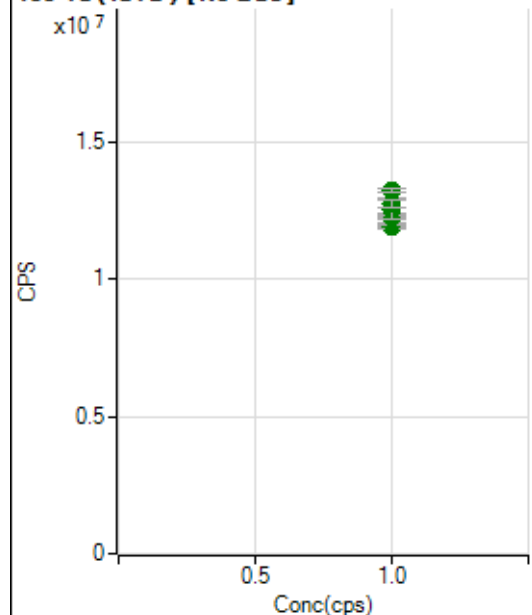
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2884520.96		A	0.6
2	☐	1.000					
3	☐	1.000		2808890.65		A	3.8
4	☐	1.000		2827039.26		A	1.0
5	☐	1.000		2833328.19		A	0.7
6	☐	1.000		2925191.10		A	0.3
7	☐	1.000		2948878.46		A	0.5
8	☐	1.000		2848454.96		A	2.8
9	☐	1.000		2851811.00		A	1.1

115 In (ISTD) [No Gas]

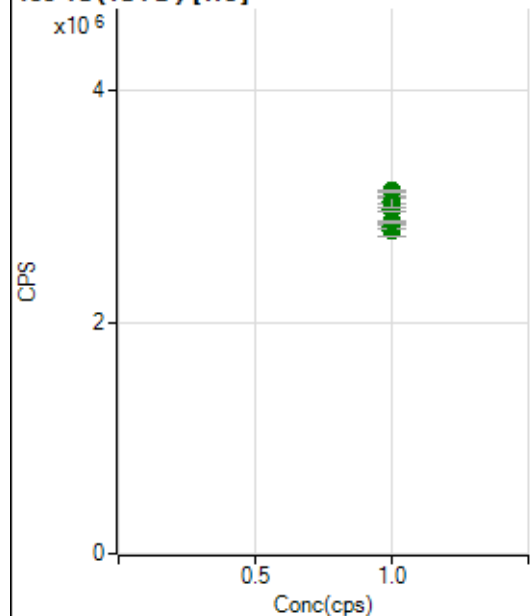
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10018001.35		A	0.7
2	☐	1.000					
3	☐	1.000		10115498.03		A	0.3
4	☐	1.000		10145575.50		A	0.1
5	☐	1.000		10127328.61		A	0.3
6	☐	1.000		10306613.95		A	0.8
7	☐	1.000		10290901.28		A	5.8
8	☐	1.000		10597390.89		A	0.5
9	☐	1.000		10227809.20		A	1.0

115 In (ISTD) [He]

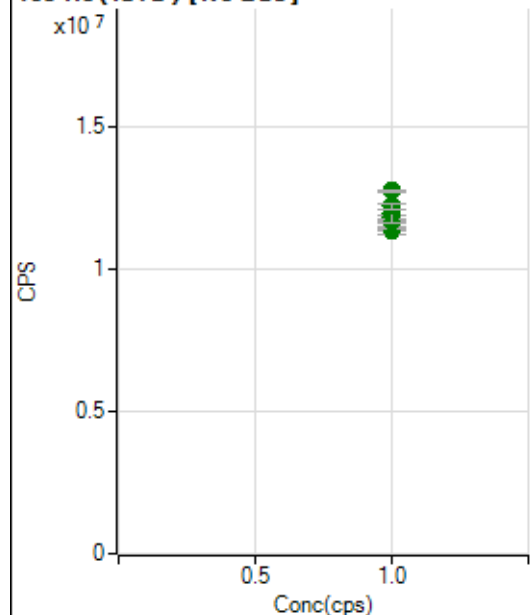
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		483918.24		P	0.2
2	☐	1.000					
3	☐	1.000		482317.90		P	4.4
4	☐	1.000		490340.01		P	0.3
5	☐	1.000		491093.27		P	0.6
6	☐	1.000		508395.86		P	0.4
7	☐	1.000		510363.37		P	0.4
8	☐	1.000		492997.98		P	2.4
9	☐	1.000		522836.19		P	0.5

159 Tb (ISTD) [No Gas]

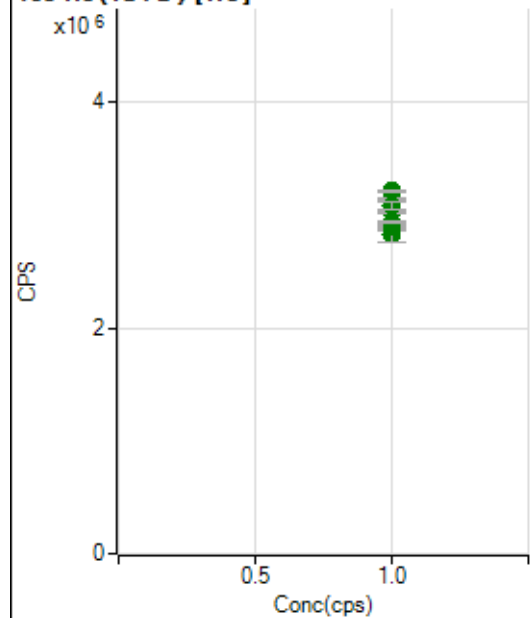
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11872617.19		A	0.7
2	☐	1.000					
3	☐	1.000		11873924.82		A	1.0
4	☐	1.000		12001417.18		A	0.9
5	☐	1.000		12233908.57		A	0.6
6	☐	1.000		12331680.10		A	0.8
7	☐	1.000		12545135.23		A	5.8
8	☐	1.000		13196570.91		A	0.9
9	☐	1.000		12730806.48		A	2.0

159 Tb (ISTD) [He]

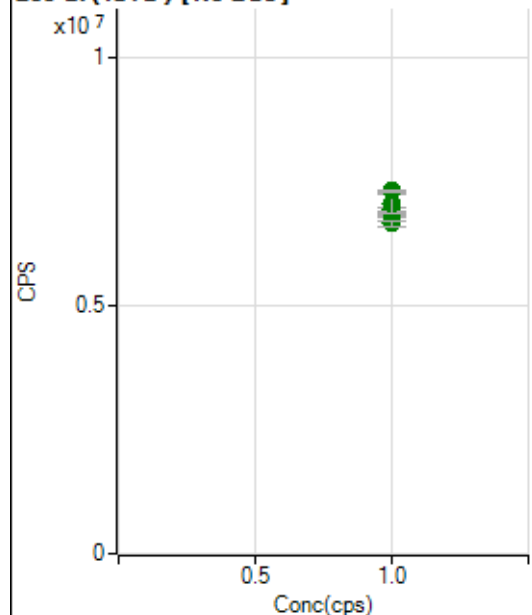
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2822093.05		A	0.9
2	☐	1.000					
3	☐	1.000		2796936.31		A	3.6
4	☐	1.000		2829362.11		A	1.1
5	☐	1.000		2869102.18		A	0.6
6	☐	1.000		2982203.43		A	1.0
7	☐	1.000		3050913.15		A	1.3
8	☐	1.000		3045273.43		A	2.9
9	☐	1.000		3137475.41		A	0.4

165 Ho (ISTD) [No Gas]

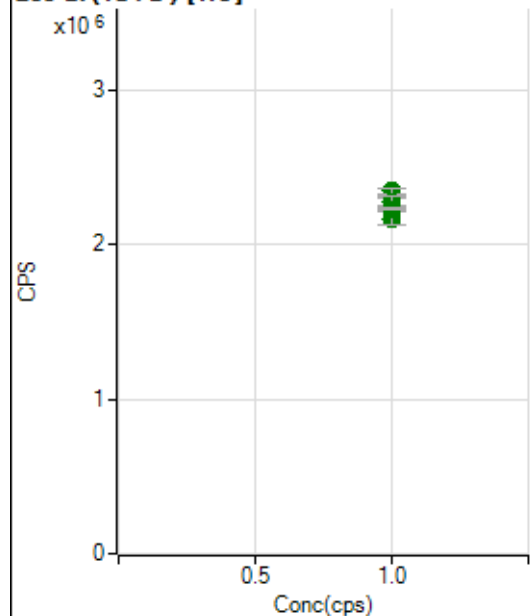
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11347880.29		A	2.0
2	☐	1.000					
3	☐	1.000		11396271.87		A	0.9
4	☐	1.000		11470531.33		A	0.3
5	☐	1.000		11698817.71		A	0.6
6	☐	1.000		11831490.28		A	0.6
7	☐	1.000		11980139.68		A	5.9
8	☐	1.000		12756296.81		A	0.8
9	☐	1.000		12210315.38		A	1.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2872836.21		A	0.8
2	☐	1.000					
3	☐	1.000		2823622.94		A	4.3
4	☐	1.000		2903071.59		A	1.0
5	☐	1.000		2933697.46		A	0.4
6	☐	1.000		3026905.82		A	0.4
7	☐	1.000		3145039.68		A	0.6
8	☐	1.000		3082322.52		A	2.4
9	☐	1.000		3212900.33		A	0.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6816314.55		A	1.0
2	☐	1.000					
3	☐	1.000		6785793.02		A	0.2
4	☐	1.000		6853739.07		A	0.9
5	☐	1.000		6890605.94		A	0.2
6	☐	1.000		6940977.95		A	1.4
7	☐	1.000		7039697.88		A	5.7
8	☐	1.000		7308304.61		A	0.8
9	☐	1.000		6647516.15		A	1.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2226637.07		A	0.4
2	☐	1.000					
3	☐	1.000		2172930.52		A	4.0
4	☐	1.000		2228068.68		A	1.4
5	☐	1.000		2233291.93		A	1.0
6	☐	1.000		2308335.77		A	0.5
7	☐	1.000		2349991.22		A	1.4
8	☐	1.000		2282378.28		A	2.7
9	☐	1.000		2235497.12		A	0.2

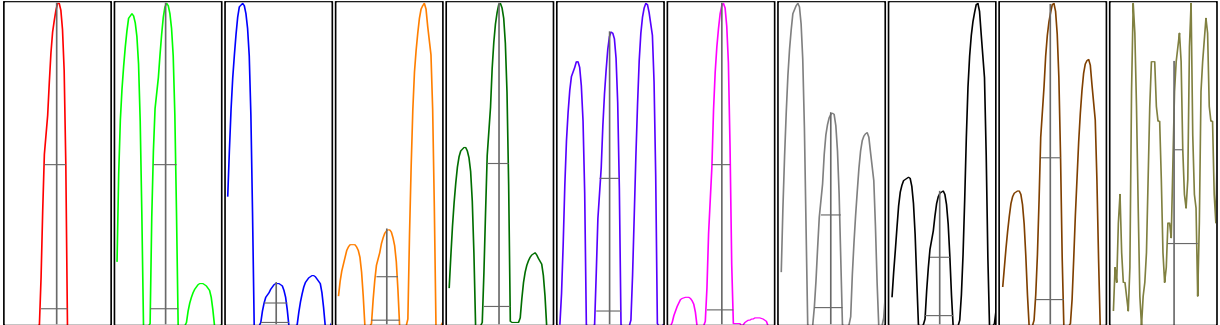
US EPA Tune Check Sample Report

Batch Folder D:\P8050818-MS .bb
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	8763	0.56	5.00	
24	59278	1.34	5.00	
25	7918	1.22	5.00	
26	9197	1.39	5.00	
59	92655	2.34	5.00	
113	11884	2.18	5.00	
115	148042	2.03	5.00	
206	30047	3.11	5.00	
207	27521	3.28	5.00	
208	64604	2.40	5.00	
220	1	15.71		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	8713	8801	8705	8803	8793
24	59287	58688	58438	60476	59502
25	7862	7908	7799	8045	7976
26	9162	9170	9025	9373	9253
59	90253	94317	91647	95502	91558
113	11712	11860	12083	12198	11569
115	148624	144843	150540	151204	144999
206	30442	28378	30371	30524	30520
207	27827	25917	28022	27827	28012
208	65533	61990	65426	64369	65701
220	1	2	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	15247	9.00	8.9 - 9.1		0.778	0.900	
24	99371	23.95	23.9 - 24.1		0.785	0.900	
25	13212	24.95	24.9 - 25.1		0.787	0.900	
26	15508	25.95	25.9 - 26.1		0.784	0.900	
59	161320	59.00	58.9 - 59.1		0.778	0.900	
113	22336	113.00	112.9 - 113.1		0.732	0.900	
115	278154	115.05	114.9 - 115.1		0.770	0.900	
206	53635	206.00	205.9 - 206.1		0.787	0.900	
207	48493	206.95	206.9 - 207.1		0.778	0.900	
208	115889	207.95	207.9 - 208.1		0.788	0.900	
220	2	220.35	-		0.842		

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 268 Y Axis = Linear

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.6	V	Deflect	14.6	V
Extract 2	-245.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-100	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	11731	2.60	
89	3428	2.43	
205	16027	2.70	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	11848	11849	11904	11868	11187
89	3459	3465	3485	3452	3281
205	16362	16181	16258	16054	15279

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.6	V	Deflect	3.0	V
Extract 2	-245.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-100	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination		5.0 V
He Flow	5.0	mL/min	OctP RF	200	V			

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:30:09	DataFile Name :	003CALB_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.73	0.41	0.32	0.00	N/A	ppb
Antimony	121-1	-0.01	0.00	0.01	0.00	N/A	ppb
Arsenic	75-2	-0.02	0.01	0.01	0.00	N/A	ppb
Barium	135-1	-0.02	0.00	0.02	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.24	-0.19	-0.05	0.00	N/A	ppb
Boron	11-1	0.06	-0.01	-0.05	0.00	N/A	ppb
Cadmium	111-1	0.00	0.00	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.03	0.08	-0.11	0.00	N/A	ppb
Cadmium	108-1	-0.06	0.03	0.03	0.00	N/A	ppb
Calcium	43-1	1.08	-4.02	2.94	0.00	N/A	ppb
Calcium	44-1	0.06	-0.23	0.18	0.00	N/A	ppb
Chromium	52-2	0.01	0.08	-0.09	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.02	0.03	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.05	-0.07	0.13	0.00	N/A	ppb
Iron	57-2	-0.65	0.36	0.29	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lead	207-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.40	0.91	-1.30	0.00	N/A	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:30:09	DataFile Name :	003CALB_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.02	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	-0.02	0.02	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.02	0.00	0.02	0.00	N/A	ppb
Molybdenum	98-1	0.00	-0.01	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	-0.02	0.00	N/A	ppb
Phosphorus	31-2	0.07	15.44	14.87	10.13	86.07	ppb
Potassium	39-2	-20.14	12.92	7.22	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-1.31	-1.31	2.61	0.00	N/A	ppb
Selenium	78-2	0.22	-1.07	0.85	0.00	N/A	ppb
Selenium	82-1	-0.17	0.41	-0.23	0.00	N/A	ppb
Silicon	28-1	1.68	-1.54	-0.14	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	1.89	-1.81	-0.09	0.00	N/A	ppb
Strontium	86-1	0.06	-0.02	-0.04	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	337.47	-38.53	95.37	131.44	144.99	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.02	0.00	0.02	0.00	N/A	ppb
Titanium	47-1	0.00	-0.02	0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.01	0.01	0.00	0.00	N/A	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:30:09	DataFile Name :	003CALB_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	N/A	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:37:35	DataFile Name :	005CALS_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.32	19.11	23.59	22.34	12.63	ppb
Antimony	121-1	1.76	1.71	1.74	1.74	1.39	ppb
Arsenic	75-2	0.74	0.70	0.86	0.77	11.28	ppb
Barium	135-1	8.80	8.74	8.66	8.73	0.79	ppb
Barium	137-1	8.81	8.70	8.77	8.76	0.64	ppb
Beryllium	9-1	0.96	0.87	0.92	0.91	5.14	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	21.48	20.13	21.20	20.94	3.39	ppb
Boron	11-1	20.24	20.66	21.43	20.78	2.91	ppb
Cadmium	111-1	1.01	0.95	0.97	0.98	3.03	ppb
Cadmium	106-1	1.86	1.94	2.40	2.06	14.08	ppb
Cadmium	108-1	0.72	0.68	0.84	0.75	11.06	ppb
Calcium	43-1	436.75	440.42	439.45	438.87	0.43	ppb
Calcium	44-1	437.59	448.44	440.04	442.02	1.29	ppb
Chromium	52-2	1.89	1.85	2.01	1.91	4.56	ppb
Cobalt	59-2	0.85	0.84	0.92	0.87	4.94	ppb
Copper	63-2	1.75	1.74	1.90	1.80	5.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	47.96	47.02	49.38	48.12	2.47	ppb
Iron	57-2	44.54	57.87	54.74	52.39	13.31	ppb
Krypton	83-1						cps
Lead	206-1	0.86	0.88	0.88	0.87	0.98	ppb
Lead	207-1	0.89	0.88	0.84	0.87	2.60	ppb
Lead	208-1	0.86	0.88	0.86	0.87	1.64	ppb
Lithium	6-1				99		%
Magnesium	24-2	466.74	478.82	506.37	483.97	4.20	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:37:35	DataFile Name :	005CAL5_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.91	0.84	1.08	0.94	13.17	ppb
Molybdenum	94-1	4.27	4.27	4.14	4.23	1.71	ppb
Molybdenum	95-1	4.17	4.16	4.30	4.21	1.79	ppb
Molybdenum	96-1	4.23	4.42	4.37	4.34	2.29	ppb
Molybdenum	97-1	4.34	4.53	4.27	4.38	3.02	ppb
Molybdenum	98-1	4.23	4.25	4.24	4.24	0.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	0.93	1.16	1.03	11.51	ppb
Phosphorus	31-2	-0.16	-15.11	-15.11	-10.13		ppb
Potassium	39-2	448.94	481.98	474.87	468.60	3.71	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	-1.31	-1.31	-1.31	-1.31		ppb
Selenium	78-2	6.51	5.93	4.36	5.60	19.84	ppb
Selenium	82-1	4.58	5.12	4.50	4.73	7.10	ppb
Silicon	28-1	15.86	16.52	15.73	16.04	2.63	ppb
Silver	109-1	0.87	0.92	0.90	0.90	2.62	ppb
Silver	107-1	0.95	0.92	0.91	0.92	2.46	ppb
Sodium	23-2	469.07	465.70	506.31	480.36	4.69	ppb
Strontium	86-1	0.89	0.91	0.83	0.88	4.59	ppb
Strontium	88-1	0.93	0.88	0.85	0.89	4.41	ppb
Sulfur	34-1	-206.24	-37.92	-150.15	-131.44		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.84	0.85	0.86	0.85	0.74	ppb
Thallium	205-1	0.86	0.86	0.85	0.86	1.05	ppb
Tin	118-1	4.28	4.15	4.42	4.28	3.13	ppb
Titanium	47-1	4.16	4.42	4.22	4.27	3.21	ppb
Uranium	238-1	0.84	0.84	0.82	0.83	1.50	ppb
Vanadium	51-2	4.17	4.23	4.57	4.32	4.97	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	1.75	1.81	2.06	1.87	8.99	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:37:35	DataFile Name :	005CALS_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.82	0.80	0.79	0.81	1.49	ppb
Zirconium	91-1	0.78	0.77	0.75	0.77	1.75	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:41:17	DataFile Name :	006CAL5_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1112.29	1037.70	1136.22	1095.40	4.69	ppb
Antimony	121-1	51.47	50.78	51.98	51.41	1.18	ppb
Arsenic	75-2	52.42	50.42	50.28	51.04	2.34	ppb
Barium	135-1	261.74	258.60	267.33	262.55	1.68	ppb
Barium	137-1	263.76	256.80	262.57	261.04	1.43	ppb
Beryllium	9-1	52.33	52.24	52.75	52.44	0.52	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	47.69	51.91	53.61	51.07	5.97	ppb
Boron	11-1	48.99	51.47	52.48	50.98	3.53	ppb
Cadmium	111-1	52.63	51.54	53.76	52.64	2.11	ppb
Cadmium	106-1	51.45	50.68	56.44	52.86	5.92	ppb
Cadmium	108-1	53.65	51.24	52.90	52.60	2.34	ppb
Calcium	43-1	5114.67	5173.03	5232.63	5173.44	1.14	ppb
Calcium	44-1	5306.60	5242.44	5333.12	5294.05	0.88	ppb
Chromium	52-2	50.70	51.48	52.33	51.50	1.59	ppb
Cobalt	59-2	50.62	51.15	51.88	51.22	1.23	ppb
Copper	63-2	102.67	103.02	104.15	103.28	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	2734.72	2801.23	2841.88	2792.61	1.94	ppb
Iron	57-2	2695.37	2750.48	2757.19	2734.35	1.24	ppb
Krypton	83-1						cps
Lead	206-1	50.10	50.13	50.21	50.14	0.11	ppb
Lead	207-1	50.19	49.34	50.18	49.90	0.98	ppb
Lead	208-1	49.98	49.82	50.33	50.04	0.53	ppb
Lithium	6-1				99		%
Magnesium	24-2	5671.51	5690.66	5854.60	5738.92	1.75	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:41:17	DataFile Name :	006CAL5_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	101.86	101.80	106.11	103.26	2.39	ppb
Molybdenum	94-1	253.69	257.25	256.92	255.95	0.77	ppb
Molybdenum	95-1	252.61	256.57	255.97	255.05	0.84	ppb
Molybdenum	96-1	252.15	254.61	257.21	254.66	0.99	ppb
Molybdenum	97-1	251.15	256.30	255.91	254.45	1.13	ppb
Molybdenum	98-1	257.86	259.55	257.48	258.30	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.63	52.25	53.02	52.63	0.73	ppb
Phosphorus	31-2	1102.93	779.51	1126.88	1003.11	19.34	ppb
Potassium	39-2	2586.36	2693.65	2751.41	2677.14	3.13	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	37.57	64.77	37.90	46.75	33.39	ppb
Selenium	78-2	50.98	42.72	52.07	48.59	10.53	ppb
Selenium	82-1	51.64	52.33	53.31	52.43	1.60	ppb
Silicon	28-1	74.81	74.23	75.79	74.94	1.05	ppb
Silver	109-1	52.98	52.74	53.00	52.91	0.27	ppb
Silver	107-1	52.94	52.89	53.69	53.17	0.85	ppb
Sodium	23-2	5568.87	5619.63	5742.23	5643.57	1.58	ppb
Strontium	86-1	49.90	51.39	51.86	51.05	2.00	ppb
Strontium	88-1	51.09	51.62	51.91	51.54	0.81	ppb
Sulfur	34-1	1093.67	1095.51	1263.94	1151.04	8.49	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	50.11	49.16	49.86	49.71	0.99	ppb
Thallium	205-1	50.38	50.06	49.65	50.03	0.73	ppb
Tin	118-1	52.10	51.65	52.27	52.01	0.62	ppb
Titanium	47-1	252.84	252.56	254.84	253.42	0.49	ppb
Uranium	238-1	48.70	48.67	49.49	48.95	0.95	ppb
Vanadium	51-2	50.13	50.88	51.64	50.88	1.49	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	102.05	104.84	106.26	104.39	2.05	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:41:17	DataFile Name :	006CALS_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.87	50.63	51.27	50.59	1.39	ppb
Zirconium	91-1	49.52	49.69	50.05	49.75	0.55	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:44:57	DataFile Name :	007CALS_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2595.96	2606.90	2469.68	2557.51	2.98	ppb
Antimony	121-1	125.38	125.14	127.57	126.03	1.06	ppb
Arsenic	75-2	124.52	125.62	126.67	125.60	0.86	ppb
Barium	135-1	635.05	633.69	642.72	637.16	0.76	ppb
Barium	137-1	652.55	643.33	662.25	652.71	1.45	ppb
Beryllium	9-1	128.87	129.98	129.47	129.44	0.43	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	121.27	124.84	122.36	122.82	1.49	ppb
Boron	11-1	121.94	125.25	126.07	124.42	1.76	ppb
Cadmium	111-1	129.56	126.11	128.40	128.02	1.37	ppb
Cadmium	106-1	130.30	128.19	128.52	129.01	0.88	ppb
Cadmium	108-1	130.69	125.96	126.47	127.71	2.03	ppb
Calcium	43-1	12937.17	12774.35	12994.85	12902.12	0.89	ppb
Calcium	44-1	12925.03	13015.80	12778.11	12906.31	0.93	ppb
Chromium	52-2	127.11	126.59	123.63	125.78	1.49	ppb
Cobalt	59-2	125.11	124.82	123.62	124.51	0.63	ppb
Copper	63-2	252.02	253.74	251.23	252.33	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	6790.87	6832.49	6727.02	6783.46	0.78	ppb
Iron	57-2	6703.98	6743.97	6688.57	6712.17	0.43	ppb
Krypton	83-1						cps
Lead	206-1	123.88	124.62	123.00	123.83	0.66	ppb
Lead	207-1	123.82	121.71	123.78	123.10	0.98	ppb
Lead	208-1	124.04	123.63	123.64	123.77	0.19	ppb
Lithium	6-1				99		%
Magnesium	24-2	14103.64	14069.55	13929.92	14034.37	0.66	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:44:57	DataFile Name :	007CAL5_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	253.08	253.93	250.42	252.48	0.73	ppb
Molybdenum	94-1	635.86	632.63	624.55	631.01	0.92	ppb
Molybdenum	95-1	640.50	631.39	629.97	633.96	0.90	ppb
Molybdenum	96-1	631.89	625.19	628.92	628.67	0.53	ppb
Molybdenum	97-1	630.50	619.15	638.64	629.43	1.55	ppb
Molybdenum	98-1	632.12	622.07	617.12	623.77	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.49	130.72	127.51	129.24	1.25	ppb
Phosphorus	31-2	2289.96	2548.73	2171.22	2336.64	8.26	ppb
Potassium	39-2	6667.64	6622.63	6531.80	6607.36	1.05	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	118.78	107.56	153.28	126.54	18.83	ppb
Selenium	78-2	126.68	104.94	137.11	122.91	13.36	ppb
Selenium	82-1	125.15	128.19	126.19	126.51	1.22	ppb
Silicon	28-1	138.34	137.00	133.26	136.20	1.93	ppb
Silver	109-1	128.93	127.33	130.52	128.93	1.24	ppb
Silver	107-1	128.80	128.15	128.46	128.47	0.25	ppb
Sodium	23-2	14220.93	14299.13	13972.36	14164.14	1.20	ppb
Strontium	86-1	124.19	123.31	123.04	123.51	0.49	ppb
Strontium	88-1	128.32	125.26	125.63	126.40	1.32	ppb
Sulfur	34-1	3020.76	3018.25	2981.94	3006.99	0.72	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	122.79	122.62	122.49	122.64	0.12	ppb
Thallium	205-1	126.74	127.91	125.04	126.57	1.14	ppb
Tin	118-1	125.98	126.66	126.89	126.51	0.37	ppb
Titanium	47-1	628.49	623.71	624.98	625.72	0.40	ppb
Uranium	238-1	124.18	124.87	124.45	124.50	0.28	ppb
Vanadium	51-2	125.15	124.56	122.89	124.20	0.94	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	258.50	261.12	254.18	257.93	1.36	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:44:57	DataFile Name :	007CALS_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	126.01	125.49	127.26	126.26	0.72	ppb
Zirconium	91-1	120.82	122.57	123.56	122.32	1.14	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:48:31	DataFile Name :	008CAL5_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5164.49	5357.41	5183.92	5235.27	2.03	ppb
Antimony	121-1	250.57	258.01	251.44	253.34	1.61	ppb
Arsenic	75-2	246.04	245.55	245.27	245.62	0.16	ppb
Barium	135-1	1261.15	1288.96	1264.73	1271.62	1.19	ppb
Barium	137-1	1257.36	1272.18	1264.32	1264.62	0.59	ppb
Beryllium	9-1	250.29	251.52	251.21	251.01	0.25	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	242.25	245.10	252.37	246.57	2.12	ppb
Boron	11-1	238.96	244.57	250.38	244.63	2.34	ppb
Cadmium	111-1	250.16	254.41	251.79	252.12	0.85	ppb
Cadmium	106-1	256.02	263.11	252.28	257.14	2.14	ppb
Cadmium	108-1	255.29	255.12	257.24	255.88	0.46	ppb
Calcium	43-1	25566.48	25447.77	25438.43	25484.22	0.28	ppb
Calcium	44-1	25464.66	25221.93	25487.20	25391.26	0.58	ppb
Chromium	52-2	250.61	252.29	249.44	250.78	0.57	ppb
Cobalt	59-2	247.81	247.56	247.46	247.61	0.07	ppb
Copper	63-2	497.24	500.00	496.45	497.90	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	13353.26	13387.60	13205.65	13315.50	0.73	ppb
Iron	57-2	13278.79	13385.72	13359.85	13341.45	0.42	ppb
Krypton	83-1						cps
Lead	206-1	247.65	245.96	243.39	245.67	0.87	ppb
Lead	207-1	245.45	242.31	243.52	243.76	0.65	ppb
Lead	208-1	250.60	248.19	246.80	248.53	0.77	ppb
Lithium	6-1				100		%
Magnesium	24-2	27747.69	27940.97	27573.04	27753.90	0.66	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:48:31	DataFile Name :	008CAL5_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	501.69	503.11	500.17	501.66	0.29	ppb
Molybdenum	94-1	1221.48	1227.52	1227.31	1225.43	0.28	ppb
Molybdenum	95-1	1230.51	1255.12	1218.29	1234.64	1.52	ppb
Molybdenum	96-1	1229.98	1248.94	1220.17	1233.03	1.19	ppb
Molybdenum	97-1	1218.44	1259.95	1233.15	1237.18	1.70	ppb
Molybdenum	98-1	1221.86	1246.33	1215.70	1227.96	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	251.36	255.92	252.44	253.24	0.94	ppb
Phosphorus	31-2	4960.00	4911.57	4517.94	4796.50	5.05	ppb
Potassium	39-2	13127.39	13138.79	13056.53	13107.57	0.34	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	252.88	243.53	194.16	230.19	13.71	ppb
Selenium	78-2	270.19	245.44	241.97	252.53	6.09	ppb
Selenium	82-1	248.78	249.67	245.83	248.09	0.81	ppb
Silicon	28-1	276.32	264.89	270.22	270.48	2.11	ppb
Silver	109-1	258.89	260.99	256.04	258.64	0.96	ppb
Silver	107-1	256.51	261.47	261.65	259.88	1.12	ppb
Sodium	23-2	27748.14	27799.67	27876.79	27808.20	0.23	ppb
Strontium	86-1	242.66	248.91	243.63	245.06	1.37	ppb
Strontium	88-1	248.95	248.28	247.55	248.26	0.28	ppb
Sulfur	34-1	6095.41	5892.15	5885.70	5957.75	2.00	ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	243.74	244.66	246.25	244.88	0.52	ppb
Thallium	205-1	247.70	248.04	245.25	247.00	0.61	ppb
Tin	118-1	253.09	256.95	253.70	254.58	0.81	ppb
Titanium	47-1	1255.65	1257.49	1252.76	1255.30	0.19	ppb
Uranium	238-1	247.23	243.23	240.33	243.60	1.42	ppb
Vanadium	51-2	248.96	248.56	245.86	247.79	0.68	ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	510.11	507.19	501.35	506.22	0.88	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:48:31	DataFile Name :	008CALS_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	248.55	249.49	246.81	248.28	0.55	ppb
Zirconium	91-1	241.53	242.55	241.23	241.77	0.29	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:51:59	DataFile Name :	009CAL5_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9564.13	9657.73	9624.29	9615.38	0.49	ppb
Antimony	121-1	464.17	518.53	481.73	488.14	5.68	ppb
Arsenic	75-2	455.62	466.42	463.82	461.95	1.22	ppb
Barium	135-1	2366.85	2633.82	2379.80	2460.16	6.12	ppb
Barium	137-1	2322.03	2589.11	2353.93	2421.69	6.02	ppb
Beryllium	9-1	471.65	514.30	473.10	486.35	4.98	ppb
Bismuth	209-1				103		%
Bismuth	209-2				106		%
Boron	10-1	454.73	515.34	473.73	481.27	6.44	ppb
Boron	11-1	457.23	507.33	475.32	479.96	5.29	ppb
Cadmium	111-1	466.41	521.40	480.48	489.43	5.84	ppb
Cadmium	106-1	472.41	530.07	473.75	492.08	6.69	ppb
Cadmium	108-1	472.15	535.86	475.89	494.63	7.23	ppb
Calcium	43-1	48092.75	53852.71	48837.93	50261.13	6.23	ppb
Calcium	44-1	48234.59	53818.01	48817.17	50289.92	6.10	ppb
Chromium	52-2	466.85	463.82	472.37	467.68	0.93	ppb
Cobalt	59-2	463.64	460.50	464.43	462.86	0.45	ppb
Copper	63-2	942.37	957.12	964.83	954.77	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				109		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	25114.78	24883.92	25075.00	25024.57	0.49	ppb
Iron	57-2	24823.94	24589.45	24951.49	24788.29	0.74	ppb
Krypton	83-1						cps
Lead	206-1	464.54	513.38	477.48	485.13	5.22	ppb
Lead	207-1	469.50	521.04	475.32	488.62	5.78	ppb
Lead	208-1	463.90	522.24	478.31	488.15	6.23	ppb
Lithium	6-1				100		%
Magnesium	24-2	52606.47	52406.51	53108.46	52707.15	0.69	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:51:59	DataFile Name :	009CAL5_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	944.08	928.91	940.25	937.75	0.84	ppb
Molybdenum	94-1	2355.18	2627.11	2362.69	2448.33	6.33	ppb
Molybdenum	95-1	2343.43	2612.26	2344.36	2433.35	6.37	ppb
Molybdenum	96-1	2372.45	2626.62	2350.20	2449.76	6.27	ppb
Molybdenum	97-1	2334.67	2632.54	2340.07	2435.76	7.00	ppb
Molybdenum	98-1	2348.64	2621.33	2345.34	2438.44	6.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	475.94	471.80	478.37	475.37	0.70	ppb
Phosphorus	31-2	8637.81	8821.84	9607.57	9022.40	5.71	ppb
Potassium	39-2	24421.41	24284.99	24477.94	24394.78	0.41	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	77-2	514.86	424.77	509.86	483.16	10.48	ppb
Selenium	78-2	460.95	452.62	447.67	453.75	1.48	ppb
Selenium	82-1	471.76	526.53	478.78	492.36	6.05	ppb
Silicon	28-1	478.04	541.75	492.92	504.24	6.61	ppb
Silver	109-1	470.00	537.22	485.65	497.62	7.07	ppb
Silver	107-1	476.99	535.53	478.00	496.84	6.74	ppb
Sodium	23-2	50848.59	50873.52	51359.61	51027.24	0.56	ppb
Strontium	86-1	461.82	512.89	467.85	480.85	5.80	ppb
Strontium	88-1	467.07	523.78	470.23	487.03	6.54	ppb
Sulfur	34-1	11327.53	13932.03	11654.22	12304.59	11.53	ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	458.25	517.61	475.12	483.66	6.32	ppb
Thallium	205-1	459.76	516.47	473.93	483.38	6.11	ppb
Tin	118-1	468.77	525.94	477.23	490.65	6.29	ppb
Titanium	47-1	2389.42	2596.27	2385.47	2457.05	4.91	ppb
Uranium	238-1	457.61	510.22	463.91	477.25	6.02	ppb
Vanadium	51-2	463.70	462.35	467.40	464.48	0.56	ppb
Yttrium	89-1				103		%
Yttrium	89-2				107		%
Zinc	66-2	934.72	939.40	955.14	943.09	1.13	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:51:59	DataFile Name :	009CALS_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	472.29	519.62	473.26	488.39	5.54	ppb
Zirconium	91-1	471.54	518.01	469.87	486.47	5.62	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:55:23	DataFile Name :	010CAL5_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20782.35	20347.29	21847.66	20992.43	3.68	ppb
Antimony	121-1	1013.49	1001.73	999.47	1004.90	0.75	ppb
Arsenic	75-2	1005.17	1001.36	1053.45	1019.99	2.85	ppb
Barium	135-1	5041.91	4956.78	5038.42	5012.37	0.96	ppb
Barium	137-1	5067.98	4989.15	5037.33	5031.49	0.79	ppb
Beryllium	9-1	1019.23	1001.42	997.05	1005.90	1.17	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	989.05	1005.08	1037.50	1010.54	2.44	ppb
Boron	11-1	985.81	1018.13	1030.52	1011.49	2.28	ppb
Cadmium	111-1	1010.87	993.64	1008.23	1004.24	0.92	ppb
Cadmium	106-1	1004.60	996.01	1003.99	1001.53	0.48	ppb
Cadmium	108-1	1007.11	991.79	1003.34	1000.75	0.80	ppb
Calcium	43-1	106337.90	106120.94	105401.52	105953.45	0.46	ppb
Calcium	44-1	103531.71	103900.67	103916.49	103782.96	0.21	ppb
Chromium	52-2	1006.45	984.59	1056.33	1015.79	3.62	ppb
Cobalt	59-2	1014.23	988.11	1055.17	1019.17	3.32	ppb
Copper	63-2	2010.45	1951.10	2106.50	2022.68	3.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	53490.11	52412.46	56179.81	54027.46	3.59	ppb
Iron	57-2	53613.78	52342.82	56088.13	54014.91	3.53	ppb
Krypton	83-1						cps
Lead	206-1	1004.36	1007.52	1014.08	1008.66	0.49	ppb
Lead	207-1	996.37	1013.26	1012.85	1007.49	0.96	ppb
Lead	208-1	1001.06	1010.75	1007.52	1006.44	0.49	ppb
Lithium	6-1				102		%
Magnesium	24-2	110487.97	108951.26	116271.14	111903.46	3.45	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:55:23	DataFile Name :	010CAL5_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2024.28	1971.33	2095.11	2030.24	3.06	ppb
Molybdenum	94-1	5041.17	5042.08	5009.54	5030.93	0.37	ppb
Molybdenum	95-1	5048.90	5050.21	5008.27	5035.79	0.47	ppb
Molybdenum	96-1	5017.28	5094.99	4973.75	5028.67	1.22	ppb
Molybdenum	97-1	5036.83	5056.94	5009.88	5034.55	0.47	ppb
Molybdenum	98-1	5065.18	5066.07	4976.84	5036.03	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1004.90	982.47	1045.16	1010.84	3.14	ppb
Phosphorus	31-2	19880.14	20371.39	21428.28	20559.94	3.85	ppb
Potassium	39-2	52723.79	51772.22	54346.77	52947.59	2.46	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	77-2	1010.75	1025.42	1003.95	1013.37	1.08	ppb
Selenium	78-2	981.95	1002.99	1083.52	1022.82	5.24	ppb
Selenium	82-1	1004.74	1009.68	997.55	1003.99	0.61	ppb
Silicon	28-1	988.47	993.52	988.18	990.05	0.30	ppb
Silver	109-1	1008.23	987.29	999.66	998.39	1.05	ppb
Silver	107-1	1005.45	993.51	996.60	998.52	0.62	ppb
Sodium	23-2	109049.31	106144.24	114278.15	109823.90	3.75	ppb
Strontium	86-1	1018.78	1016.75	997.30	1010.94	1.17	ppb
Strontium	88-1	1014.97	1007.31	997.73	1006.67	0.86	ppb
Sulfur	34-1	18891.15	18496.45	18224.42	18537.34	1.81	ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	997.43	1022.35	1009.50	1009.76	1.23	ppb
Thallium	205-1	1006.67	1007.96	1011.96	1008.86	0.27	ppb
Tin	118-1	1007.15	1001.88	1000.71	1003.25	0.34	ppb
Titanium	47-1	5013.66	5037.81	5008.20	5019.89	0.31	ppb
Uranium	238-1	1008.08	1013.81	1017.38	1013.09	0.46	ppb
Vanadium	51-2	1012.80	981.37	1060.93	1018.37	3.93	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	2016.04	1949.94	2111.09	2025.69	4.00	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:55:23	DataFile Name :	010CALS_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1007.44	1012.73	997.97	1006.05	0.74	ppb
Zirconium	91-1	1011.67	1023.63	992.21	1009.17	1.57	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:58:42	DataFile Name :	011CAL5_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99383.28	99644.35	100449.83	99825.82	0.56	ppb
Antimony	121-1	3.20	3.41	3.75	3.45	8.01	ppb
Arsenic	75-2	0.88	0.67	0.72	0.76	14.87	ppb
Barium	135-1	1.52	1.51	1.34	1.46	6.89	ppb
Barium	137-1	1.54	1.45	1.42	1.47	4.09	ppb
Beryllium	9-1	0.23	0.19	0.22	0.21	10.82	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	42.64	37.66	34.85	38.38	10.28	ppb
Boron	11-1	42.50	37.41	32.94	37.62	12.73	ppb
Cadmium	111-1	0.19	0.21	0.32	0.24	29.84	ppb
Cadmium	106-1	0.33	0.63	1.76	0.90	83.49	ppb
Cadmium	108-1	0.29	0.18	0.22	0.23	23.35	ppb
Calcium	43-1	501529.43	494973.18	499739.17	498747.26	0.68	ppb
Calcium	44-1	498739.64	495127.92	503677.88	499181.81	0.86	ppb
Chromium	52-2	38.59	37.73	38.43	38.25	1.20	ppb
Cobalt	59-2	1.35	1.50	1.46	1.44	5.35	ppb
Copper	63-2	2.38	2.45	2.38	2.40	1.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				112		%
Indium	115-1				102		%
Indium	115-2				108		%
Iron	56-2	248971.83	248401.31	250031.90	249135.01	0.33	ppb
Iron	57-2	248597.67	248945.09	249943.89	249162.22	0.28	ppb
Krypton	83-1						cps
Lead	206-1	1.87	1.90	1.88	1.88	0.75	ppb
Lead	207-1	1.75	1.82	1.72	1.76	2.88	ppb
Lead	208-1	1.85	1.84	1.78	1.82	2.01	ppb
Lithium	6-1				100		%
Magnesium	24-2	494483.90	495595.98	501415.63	497165.17	0.75	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:58:42	DataFile Name :	011CAL5_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.84	7.99	7.55	7.79	2.85	ppb
Molybdenum	94-1	6.18	6.57	6.64	6.46	3.84	ppb
Molybdenum	95-1	8.26	8.60	8.97	8.61	4.13	ppb
Molybdenum	96-1	8.40	8.66	9.06	8.71	3.80	ppb
Molybdenum	97-1	8.16	8.24	8.83	8.41	4.34	ppb
Molybdenum	98-1	8.19	8.41	9.05	8.55	5.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.58	24.36	24.01	23.98	1.62	ppb
Phosphorus	31-2	54.80	26.97	13.05	31.61	67.26	ppb
Potassium	39-2	249116.59	249194.68	249978.67	249429.98	0.19	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	77-2	2.20	2.22	2.23	2.22	0.48	ppb
Selenium	78-2	-0.50	0.66	-1.07	-0.30		ppb
Selenium	82-1	0.92	1.41	1.20	1.18	21.05	ppb
Silicon	28-1	13.71	14.12	14.98	14.27	4.54	ppb
Silver	109-1	0.10	0.10	0.11	0.11	2.35	ppb
Silver	107-1	0.12	0.10	0.09	0.10	10.92	ppb
Sodium	23-2	496979.27	496362.31	499890.63	497744.07	0.38	ppb
Strontium	86-1	32.07	31.89	31.94	31.96	0.30	ppb
Strontium	88-1	32.28	32.17	32.16	32.20	0.22	ppb
Sulfur	34-1	-1556.38	-1408.83	-1288.91	-1418.04		ppb
Terbium	159-1				107		%
Terbium	159-2				111		%
Thallium	203-1	0.53	0.51	0.49	0.51	3.40	ppb
Thallium	205-1	0.53	0.51	0.49	0.51	3.70	ppb
Tin	118-1	1.70	1.56	1.73	1.66	5.54	ppb
Titanium	47-1	1.53	1.47	1.53	1.51	2.45	ppb
Uranium	238-1	0.12	0.11	0.12	0.12	4.21	ppb
Vanadium	51-2	0.46	0.39	0.43	0.43	8.30	ppb
Yttrium	89-1				106		%
Yttrium	89-2				111		%
Zinc	66-2	5.73	5.86	5.31	5.64	5.11	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:58:42	DataFile Name :	011CALS_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.31	0.25	0.30	0.29	11.95	ppb
Zirconium	91-1	0.30	0.25	0.34	0.30	15.01	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 15:43:33	DataFile Name :	016ICV01_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	550.05	475.86	513.40	513.10	7.23	ppb
Antimony	121-1	201.55	203.40	203.86	202.94	0.60	ppb
Arsenic	75-2	196.35	196.02	204.40	198.92	2.38	ppb
Barium	135-1	101.50	101.21	99.50	100.74	1.07	ppb
Barium	137-1	102.52	101.60	102.74	102.29	0.59	ppb
Beryllium	9-1	100.33	99.47	98.68	99.49	0.83	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	10-1	456.58	459.51	447.76	454.62	1.35	ppb
Boron	11-1	448.36	455.90	454.16	452.80	0.87	ppb
Cadmium	111-1	104.44	105.07	105.42	104.98	0.47	ppb
Cadmium	106-1	142.58	138.12	144.87	141.86	2.42	ppb
Cadmium	108-1	122.27	123.93	123.54	123.25	0.71	ppb
Calcium	43-1	2259.73	2236.81	2267.73	2254.76	0.71	ppb
Calcium	44-1	2171.00	2163.35	2202.69	2179.02	0.96	ppb
Chromium	52-2	95.44	95.47	95.94	95.62	0.29	ppb
Cobalt	59-2	95.20	94.39	97.12	95.57	1.46	ppb
Copper	63-2	96.22	96.65	98.07	96.98	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	56-2	1046.97	1039.11	1060.06	1048.71	1.01	ppb
Iron	57-2	1062.00	1056.64	1036.53	1051.72	1.28	ppb
Krypton	83-1						cps
Lead	206-1	198.74	197.24	196.26	197.41	0.63	ppb
Lead	207-1	187.63	187.15	188.03	187.60	0.24	ppb
Lead	208-1	196.57	194.55	196.88	196.00	0.65	ppb
Lithium	6-1				100		%
Magnesium	24-2	1319.62	1256.74	1299.72	1292.03	2.49	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 15:43:33	DataFile Name :	016ICV01_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	97.86	97.01	101.08	98.65	2.18	ppb
Molybdenum	94-1	879.36	890.91	891.84	887.37	0.78	ppb
Molybdenum	95-1	397.06	407.19	404.88	403.04	1.32	ppb
Molybdenum	96-1	458.22	462.89	464.23	461.78	0.68	ppb
Molybdenum	97-1	389.53	399.43	395.02	394.66	1.26	ppb
Molybdenum	98-1	392.36	405.43	397.03	398.27	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.21	98.66	100.13	99.67	0.88	ppb
Phosphorus	31-2	40.10	26.42	13.14	26.56	50.76	ppb
Potassium	39-2	2101.50	2042.45	2158.83	2100.92	2.77	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				109		%
Selenium	77-2	231.19	222.72	244.11	232.67	4.63	ppb
Selenium	78-2	230.90	198.00	185.10	204.67	11.54	ppb
Selenium	82-1	196.90	200.42	199.23	198.85	0.90	ppb
Silicon	28-1	410.08	401.21	407.71	406.33	1.13	ppb
Silver	109-1	103.44	104.76	104.69	104.30	0.71	ppb
Silver	107-1	103.93	103.64	105.81	104.46	1.12	ppb
Sodium	23-2	2148.98	2163.75	2210.62	2174.45	1.48	ppb
Strontium	86-1	382.69	388.32	392.74	387.91	1.30	ppb
Strontium	88-1	389.09	395.22	399.82	394.71	1.36	ppb
Sulfur	34-1	-1033.36	-1141.24	-1020.01	-1064.87		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	198.55	198.62	199.54	198.90	0.28	ppb
Thallium	205-1	202.92	207.48	203.46	204.62	1.22	ppb
Tin	118-1	411.92	412.03	423.02	415.66	1.53	ppb
Titanium	47-1	400.30	400.67	404.74	401.90	0.61	ppb
Uranium	238-1	417.54	418.34	421.54	419.14	0.50	ppb
Vanadium	51-2	95.14	95.02	95.46	95.21	0.24	ppb
Yttrium	89-1				101		%
Yttrium	89-2				106		%
Zinc	66-2	195.81	196.92	200.93	197.89	1.36	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 15:43:33	DataFile Name :	016ICV01_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	391.53	397.64	395.99	395.05	0.80	ppb
Zirconium	91-1	385.27	389.33	392.92	389.17	0.98	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 15:55:41	DataFile Name :	018CCBE_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.09	-3.03	-1.98	-0.97		ppb
Antimony	121-1	0.28	0.38	0.42	0.36	19.12	ppb
Arsenic	75-2	-0.05	0.08	0.09	0.04	200.77	ppb
Barium	135-1	0.00	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.00	0.00	0.01	0.00	418.65	ppb
Beryllium	9-1	0.04	0.02	0.04	0.03	37.71	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Boron	10-1	7.98	8.98	9.18	8.71	7.37	ppb
Boron	11-1	9.21	8.33	8.92	8.82	5.09	ppb
Cadmium	111-1	-0.04	-0.03	0.00	-0.03		ppb
Cadmium	106-1	-0.78	-0.55	-0.05	-0.46		ppb
Cadmium	108-1	-0.03	0.00	0.00	-0.01		ppb
Calcium	43-1	-5.29	-6.72	-11.08	-7.69		ppb
Calcium	44-1	-2.07	-1.08	1.19	-0.65		ppb
Chromium	52-2	-0.01	0.00	-0.01	-0.01		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	11323.42	ppb
Copper	63-2	-0.06	-0.14	-0.15	-0.12		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				105		%
Iron	56-2	-0.23	-0.21	-0.10	-0.18		ppb
Iron	57-2	-0.24	0.68	-0.21	0.08	684.93	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.05	0.04	29.63	ppb
Lead	207-1	0.01	0.03	0.03	0.02	38.89	ppb
Lead	208-1	0.02	0.03	0.03	0.03	12.07	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.00	1.11	-0.39	0.24	322.05	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 15:55:41	DataFile Name :	018CCBE_P8050818-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.07	0.06	0.04	114.26	ppb
Molybdenum	94-1	0.13	0.18	0.17	0.16	16.59	ppb
Molybdenum	95-1	0.13	0.14	0.21	0.16	28.00	ppb
Molybdenum	96-1	0.13	0.20	0.18	0.17	22.79	ppb
Molybdenum	97-1	0.14	0.21	0.20	0.18	20.67	ppb
Molybdenum	98-1	0.09	0.15	0.21	0.15	38.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	0.04	0.05	0.07	66.72	ppb
Phosphorus	31-2	-1.08	-15.11	-15.11	-10.43		ppb
Potassium	39-2	0.31	8.19	10.89	6.46	85.02	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				108		%
Selenium	77-2	-1.31	-1.31	-1.31	-1.31		ppb
Selenium	78-2	-0.46	1.34	-1.07	-0.06		ppb
Selenium	82-1	0.17	-0.12	-0.19	-0.05		ppb
Silicon	28-1	-13.61	-15.62	-16.45	-15.23		ppb
Silver	109-1	0.00	0.01	0.01	0.01	80.90	ppb
Silver	107-1	0.00	0.01	0.00	0.00	18.23	ppb
Sodium	23-2	27.41	17.67	22.63	22.57	21.58	ppb
Strontium	86-1	0.00	0.05	0.06	0.04	88.09	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	5.10	ppb
Sulfur	34-1	-933.71	-839.52	-913.81	-895.68		ppb
Terbium	159-1				97		%
Terbium	159-2				101		%
Thallium	203-1	0.07	0.04	0.08	0.07	28.26	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	3.09	ppb
Tin	118-1	0.09	0.14	0.13	0.12	23.31	ppb
Titanium	47-1	0.07	0.01	0.09	0.06	73.77	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	18.21	ppb
Vanadium	51-2	-0.01	0.02	-0.01	0.00		ppb
Yttrium	89-1				100		%
Yttrium	89-2				106		%
Zinc	66-2	0.28	0.14	0.21	0.21	34.81	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 15:55:41	DataFile Name :	018CCBE_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.04	0.05	0.04	11.63	ppb
Zirconium	91-1	0.05	0.03	0.02	0.03	35.84	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 15:59:02	DataFile Name :	019ICSA01_P8050818-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87172.39	86713.91	86804.08	86896.79	0.28	ppb
Antimony	121-1	1.17	1.34	1.40	1.30	9.39	ppb
Arsenic	75-2	0.30	0.31	0.18	0.26	27.32	ppb
Barium	135-1	1.42	1.41	1.43	1.42	0.68	ppb
Barium	137-1	1.48	1.28	1.45	1.40	7.79	ppb
Beryllium	9-1	0.26	0.25	0.25	0.26	3.08	ppb
Bismuth	209-1				87		%
Bismuth	209-2				91		%
Boron	10-1	8.57	9.73	9.71	9.34	7.11	ppb
Boron	11-1	9.61	9.81	9.26	9.56	2.90	ppb
Cadmium	111-1	0.34	0.28	0.37	0.33	14.31	ppb
Cadmium	106-1	1.27	0.26	0.31	0.62	92.73	ppb
Cadmium	108-1	7.56	8.31	7.26	7.71	6.95	ppb
Calcium	43-1	94047.48	96251.42	95936.73	95411.88	1.25	ppb
Calcium	44-1	93251.82	96109.77	94541.74	94634.44	1.51	ppb
Chromium	52-2	17.84	17.51	16.95	17.43	2.55	ppb
Cobalt	59-2	1.05	1.02	0.98	1.02	3.51	ppb
Copper	63-2	6.61	6.72	6.63	6.65	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				101		%
Iron	56-2	93769.72	93021.09	91458.46	92749.76	1.27	ppb
Iron	57-2	93922.08	95380.32	91927.88	93743.43	1.85	ppb
Krypton	83-1						cps
Lead	206-1	4.41	4.65	4.43	4.49	2.96	ppb
Lead	207-1	3.92	4.02	3.95	3.96	1.39	ppb
Lead	208-1	4.10	4.18	4.10	4.13	1.20	ppb
Lithium	6-1				97		%
Magnesium	24-2	96997.07	96939.49	95465.19	96467.25	0.90	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 15:59:02	DataFile Name :	019ICSA01_P8050818-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.57	7.05	7.20	6.94	4.73	ppb
Molybdenum	94-1	1238.29	1271.31	1259.81	1256.47	1.33	ppb
Molybdenum	95-1	1793.80	1811.05	1803.01	1802.62	0.48	ppb
Molybdenum	96-1	1712.36	1742.00	1715.31	1723.22	0.95	ppb
Molybdenum	97-1	1783.81	1796.94	1802.88	1794.54	0.54	ppb
Molybdenum	98-1	1775.78	1770.25	1794.35	1780.13	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.71	4.63	4.93	4.76	3.24	ppb
Phosphorus	31-2	90289.43	88726.32	86561.05	88525.60	2.11	ppb
Potassium	39-2	97878.77	97440.99	97132.38	97484.05	0.38	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				109		%
Selenium	77-2	-1.31	-1.31	-1.31	-1.31		ppb
Selenium	78-2	-0.46	-1.07	0.75	-0.26		ppb
Selenium	82-1	0.91	0.56	0.03	0.50	88.10	ppb
Silicon	28-1	25.63	28.90	29.57	28.04	7.52	ppb
Silver	109-1	0.04	0.05	0.06	0.05	16.36	ppb
Silver	107-1	0.05	0.05	0.05	0.05	6.28	ppb
Sodium	23-2	97028.04	97909.22	95953.58	96963.61	1.01	ppb
Strontium	86-1	29.71	30.89	30.30	30.30	1.94	ppb
Strontium	88-1	30.59	31.26	30.76	30.87	1.14	ppb
Sulfur	34-1	80455.61	81590.75	81780.66	81275.67	0.88	ppb
Terbium	159-1				94		%
Terbium	159-2				99		%
Thallium	203-1	0.15	0.15	0.15	0.15	2.02	ppb
Thallium	205-1	0.12	0.16	0.19	0.16	21.64	ppb
Tin	118-1	0.24	0.27	0.25	0.25	7.22	ppb
Titanium	47-1	1846.33	1891.45	1882.73	1873.50	1.28	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	12.27	ppb
Vanadium	51-2	0.11	0.14	0.11	0.12	16.06	ppb
Yttrium	89-1				98		%
Yttrium	89-2				106		%
Zinc	66-2	9.90	9.30	10.01	9.74	3.91	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 15:59:02	DataFile Name :	019ICSA01_P8050818-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.36	0.31	0.30	0.32	8.79	ppb
Zirconium	91-1	0.33	0.33	0.27	0.31	11.57	ppb

LB Number : LB95216 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-08 16:02:16 DataFile Name : 020ICSB_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87357.50	86534.39	86402.42	86764.77	0.60	ppb
Antimony	121-1	19.65	20.92	20.08	20.22	3.19	ppb
Arsenic	75-2	16.92	17.56	18.04	17.51	3.20	ppb
Barium	135-1	20.64	21.55	20.59	20.93	2.57	ppb
Barium	137-1	20.50	21.73	20.18	20.80	3.94	ppb
Beryllium	9-1	17.88	18.93	17.30	18.04	4.57	ppb
Bismuth	209-1				85		%
Bismuth	209-2				92		%
Boron	10-1	56.35	56.85	52.67	55.29	4.13	ppb
Boron	11-1	52.17	56.87	51.98	53.67	5.16	ppb
Cadmium	111-1	18.85	20.30	18.78	19.31	4.43	ppb
Cadmium	106-1	20.94	23.98	20.07	21.66	9.47	ppb
Cadmium	108-1	26.14	30.07	26.08	27.43	8.35	ppb
Calcium	43-1	94195.90	102543.61	93249.99	96663.17	5.29	ppb
Calcium	44-1	93057.48	101597.72	91869.49	95508.23	5.56	ppb
Chromium	52-2	36.31	36.34	35.33	36.00	1.59	ppb
Cobalt	59-2	18.51	18.09	18.22	18.27	1.17	ppb
Copper	63-2	23.91	23.82	23.96	23.90	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				103		%
Iron	56-2	94920.62	92599.32	92139.22	93219.72	1.60	ppb
Iron	57-2	95255.03	93465.88	94566.93	94429.28	0.96	ppb
Krypton	83-1						cps
Lead	206-1	23.47	24.33	22.11	23.31	4.80	ppb
Lead	207-1	21.08	22.18	20.79	21.35	3.43	ppb
Lead	208-1	21.90	23.09	21.39	22.13	3.95	ppb
Lithium	6-1				99		%
Magnesium	24-2	96949.52	95799.01	95514.28	96087.61	0.79	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:02:16	DataFile Name :	020ICSB_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.08	25.20	25.13	25.47	2.07	ppb
Molybdenum	94-1	1356.67	1416.70	1332.69	1368.69	3.16	ppb
Molybdenum	95-1	1807.45	1916.42	1784.84	1836.24	3.83	ppb
Molybdenum	96-1	1739.17	1859.31	1732.68	1777.05	4.01	ppb
Molybdenum	97-1	1797.61	1939.67	1797.60	1844.96	4.45	ppb
Molybdenum	98-1	1803.42	1908.90	1798.30	1836.87	3.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.73	21.92	22.74	22.80	3.97	ppb
Phosphorus	31-2	91153.16	90378.23	89395.20	90308.86	0.98	ppb
Potassium	39-2	100129.85	97514.45	96625.10	98089.80	1.86	ppb
Rhodium	103-1				93		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				109		%
Selenium	77-2	9.73	2.37	9.78	7.29	58.43	ppb
Selenium	78-2	10.94	20.57	17.03	16.18	30.11	ppb
Selenium	82-1	18.82	18.24	18.10	18.39	2.07	ppb
Silicon	28-1	86.76	103.81	83.95	91.51	11.74	ppb
Silver	109-1	18.54	19.32	18.21	18.69	3.05	ppb
Silver	107-1	18.11	19.87	18.29	18.76	5.16	ppb
Sodium	23-2	98426.54	97047.44	97121.42	97531.80	0.80	ppb
Strontium	86-1	74.82	78.82	72.87	75.50	4.02	ppb
Strontium	88-1	76.48	83.01	75.68	78.39	5.13	ppb
Sulfur	34-1	80496.13	86912.69	78174.95	81861.26	5.53	ppb
Terbium	159-1				92		%
Terbium	159-2				99		%
Thallium	203-1	18.81	19.80	18.40	19.00	3.79	ppb
Thallium	205-1	18.93	19.82	18.27	19.01	4.09	ppb
Tin	118-1	46.21	50.02	46.71	47.64	4.34	ppb
Titanium	47-1	1887.73	2030.05	1865.26	1927.68	4.64	ppb
Uranium	238-1	44.18	47.49	43.46	45.04	4.77	ppb
Vanadium	51-2	17.72	17.11	17.43	17.42	1.77	ppb
Yttrium	89-1				98		%
Yttrium	89-2				107		%
Zinc	66-2	27.51	29.11	28.03	28.22	2.89	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:02:16	DataFile Name :	020ICSB_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	44.37	47.43	44.48	45.43	3.82	ppb
Zirconium	91-1	43.53	46.49	43.47	44.50	3.89	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:20:50	DataFile Name :	024CCV_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46602.30	45903.32	45988.97	46164.86	0.83	ppb
Antimony	121-1	517.75	503.37	509.72	510.28	1.41	ppb
Arsenic	75-2	488.36	484.81	485.73	486.30	0.38	ppb
Barium	135-1	2606.12	2521.72	2566.72	2564.85	1.65	ppb
Barium	137-1	2567.25	2511.42	2525.41	2534.69	1.15	ppb
Beryllium	9-1	505.36	493.52	501.35	500.08	1.20	ppb
Bismuth	209-1				93		%
Bismuth	209-2				97		%
Boron	10-1	497.22	503.04	516.85	505.70	1.99	ppb
Boron	11-1	492.35	502.96	506.82	500.71	1.50	ppb
Cadmium	111-1	500.33	496.46	495.21	497.33	0.54	ppb
Cadmium	106-1	520.43	501.41	509.61	510.48	1.87	ppb
Cadmium	108-1	508.76	501.22	500.50	503.49	0.91	ppb
Calcium	43-1	241383.89	239932.08	239951.40	240422.46	0.35	ppb
Calcium	44-1	241876.36	240576.37	239978.65	240810.46	0.40	ppb
Chromium	52-2	489.82	485.93	485.07	486.94	0.52	ppb
Cobalt	59-2	461.22	455.87	455.18	457.42	0.72	ppb
Copper	63-2	920.34	911.98	916.28	916.20	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				107		%
Iron	56-2	118593.21	117593.85	116777.20	117654.75	0.77	ppb
Iron	57-2	120925.73	118711.73	119038.79	119558.75	1.00	ppb
Krypton	83-1						cps
Lead	206-1	506.54	514.26	510.26	510.35	0.76	ppb
Lead	207-1	505.00	510.15	513.46	509.54	0.84	ppb
Lead	208-1	500.89	510.91	509.01	506.94	1.05	ppb
Lithium	6-1				100		%
Magnesium	24-2	227645.94	227318.51	225999.81	226988.08	0.38	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:20:50	DataFile Name :	024CCV_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	971.60	966.50	970.07	969.39	0.27	ppb
Molybdenum	94-1	2468.06	2488.67	2486.11	2480.95	0.45	ppb
Molybdenum	95-1	2434.03	2499.46	2465.72	2466.40	1.33	ppb
Molybdenum	96-1	2441.82	2477.33	2473.82	2464.32	0.79	ppb
Molybdenum	97-1	2458.06	2482.62	2478.68	2473.12	0.53	ppb
Molybdenum	98-1	2443.44	2476.13	2460.16	2459.91	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	472.41	468.99	463.35	468.25	0.98	ppb
Phosphorus	31-2	9336.55	9881.03	10319.12	9845.56	5.00	ppb
Potassium	39-2	115845.00	114141.86	115888.94	115291.93	0.86	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				109		%
Scandium	45-2				114		%
Selenium	77-2	523.94	531.47	468.98	508.13	6.71	ppb
Selenium	78-2	498.52	524.33	505.26	509.37	2.63	ppb
Selenium	82-1	485.62	486.71	496.18	489.50	1.19	ppb
Silicon	28-1	595.06	618.07	617.29	610.14	2.14	ppb
Silver	109-1	531.55	521.55	527.15	526.75	0.95	ppb
Silver	107-1	534.22	521.97	528.98	528.39	1.16	ppb
Sodium	23-2	226231.80	223502.44	226385.45	225373.23	0.72	ppb
Strontium	86-1	501.33	506.60	506.69	504.87	0.61	ppb
Strontium	88-1	502.20	505.54	504.77	504.17	0.35	ppb
Sulfur	34-1	10350.12	10224.53	10188.92	10254.52	0.83	ppb
Terbium	159-1				100		%
Terbium	159-2				106		%
Thallium	203-1	498.63	503.06	509.60	503.76	1.10	ppb
Thallium	205-1	497.37	500.52	505.94	501.28	0.86	ppb
Tin	118-1	524.77	513.26	519.67	519.23	1.11	ppb
Titanium	47-1	2487.83	2506.43	2447.49	2480.58	1.21	ppb
Uranium	238-1	490.82	495.91	489.80	492.17	0.66	ppb
Vanadium	51-2	480.85	480.36	483.79	481.67	0.38	ppb
Yttrium	89-1				104		%
Yttrium	89-2				111		%
Zinc	66-2	939.65	931.80	918.63	930.03	1.14	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:20:50	DataFile Name :	024CCV_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	493.31	491.18	494.50	493.00	0.34	ppb
Zirconium	91-1	495.93	496.08	497.47	496.49	0.17	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:26:12	DataFile Name :	025CCBE_P8050818-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.06	-2.04	-1.01	-1.04		ppb
Antimony	121-1	1.03	1.23	1.36	1.21	13.44	ppb
Arsenic	75-2	0.11	0.06	0.13	0.10	37.74	ppb
Barium	135-1	0.03	0.05	0.05	0.04	24.78	ppb
Barium	137-1	0.03	0.07	0.07	0.06	34.68	ppb
Beryllium	9-1	0.10	0.11	0.09	0.10	9.66	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	10-1	12.89	13.21	13.06	13.05	1.22	ppb
Boron	11-1	12.77	12.19	11.75	12.23	4.17	ppb
Cadmium	111-1	0.05	0.08	-0.02	0.04	133.60	ppb
Cadmium	106-1	0.32	0.94	-0.58	0.22	342.54	ppb
Cadmium	108-1	0.03	0.09	-0.06	0.02	366.20	ppb
Calcium	43-1	-9.60	-10.95	-10.49	-10.35		ppb
Calcium	44-1	13.16	13.29	10.47	12.31	12.92	ppb
Chromium	52-2	0.02	0.07	-0.05	0.01	598.99	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	255.04	ppb
Copper	63-2	-0.05	-0.08	-0.03	-0.05		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				108		%
Iron	56-2	3.21	3.28	2.98	3.15	4.97	ppb
Iron	57-2	3.25	2.71	3.35	3.10	10.98	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.07	0.11	0.09	25.09	ppb
Lead	207-1	0.08	0.09	0.06	0.08	23.98	ppb
Lead	208-1	0.08	0.08	0.09	0.09	7.32	ppb
Lithium	6-1				101		%
Magnesium	24-2	6.06	4.88	5.36	5.43	10.95	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:26:12	DataFile Name :	025CCBE_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.10	0.09	0.08	27.11	ppb
Molybdenum	94-1	0.57	0.85	0.96	0.79	25.35	ppb
Molybdenum	95-1	0.71	1.06	1.21	0.99	26.00	ppb
Molybdenum	96-1	0.74	0.89	1.17	0.93	23.53	ppb
Molybdenum	97-1	0.78	0.91	1.25	0.98	24.92	ppb
Molybdenum	98-1	0.70	0.99	1.21	0.97	26.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.11	0.05	0.07	42.74	ppb
Phosphorus	31-2	-15.11	-15.11	-1.24	-10.49		ppb
Potassium	39-2	29.64	39.51	33.32	34.15	14.61	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				110		%
Selenium	77-2	-1.31	-1.31	2.31	-0.10		ppb
Selenium	78-2	0.68	0.09	1.89	0.89	103.55	ppb
Selenium	82-1	0.95	-0.10	-0.29	0.19	361.24	ppb
Silicon	28-1	-20.20	-19.84	-21.43	-20.49		ppb
Silver	109-1	0.02	0.02	0.02	0.02	6.00	ppb
Silver	107-1	0.03	0.03	0.03	0.03	2.24	ppb
Sodium	23-2	77.47	80.10	74.49	77.35	3.62	ppb
Strontium	86-1	0.05	0.01	0.04	0.04	63.00	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	12.45	ppb
Sulfur	34-1	-1527.32	-1665.66	-1662.26	-1618.41		ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	0.16	0.16	0.18	0.17	8.57	ppb
Thallium	205-1	0.17	0.15	0.16	0.16	8.10	ppb
Tin	118-1	0.20	0.21	0.25	0.22	11.79	ppb
Titanium	47-1	0.07	0.00	0.11	0.06	92.18	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	15.93	ppb
Vanadium	51-2	0.02	0.01	-0.01	0.01	192.52	ppb
Yttrium	89-1				103		%
Yttrium	89-2				110		%
Zinc	66-2	0.20	0.24	0.20	0.21	10.28	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:26:12	DataFile Name :	025CCBE_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.06	0.07	0.06	10.95	ppb
Zirconium	91-1	0.08	0.06	0.06	0.06	17.53	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:29:31	DataFile Name :	026SMPL_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.31	21.50	21.50	20.77	6.09	ppb
Antimony	121-1	2.24	2.34	2.51	2.36	5.79	ppb
Arsenic	75-2	0.87	0.78	0.88	0.85	6.97	ppb
Barium	135-1	8.62	9.16	8.61	8.80	3.59	ppb
Barium	137-1	8.49	8.88	8.42	8.60	2.91	ppb
Beryllium	9-1	0.83	1.03	0.90	0.92	11.10	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	10-1	30.77	28.67	28.78	29.41	4.03	ppb
Boron	11-1	28.08	29.40	29.39	28.95	2.62	ppb
Cadmium	111-1	0.88	0.86	0.95	0.90	4.87	ppb
Cadmium	106-1	0.63	1.73	1.87	1.41	48.10	ppb
Cadmium	108-1	1.06	1.09	1.27	1.14	9.75	ppb
Calcium	43-1	437.67	404.20	411.40	417.75	4.22	ppb
Calcium	44-1	453.22	444.33	447.49	448.35	1.01	ppb
Chromium	52-2	2.02	1.86	1.90	1.93	4.13	ppb
Cobalt	59-2	0.86	0.87	0.81	0.85	3.94	ppb
Copper	63-2	1.77	1.51	1.70	1.66	8.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				108		%
Iron	56-2	51.47	48.28	48.50	49.41	3.61	ppb
Iron	57-2	50.54	46.08	49.75	48.79	4.88	ppb
Krypton	83-1						cps
Lead	206-1	0.92	0.91	0.95	0.93	1.95	ppb
Lead	207-1	0.85	0.86	0.86	0.86	0.94	ppb
Lead	208-1	0.90	0.91	0.91	0.91	0.38	ppb
Lithium	6-1				101		%
Magnesium	24-2	471.55	476.64	484.58	477.59	1.37	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:29:31	DataFile Name :	026SMPL_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.06	1.11	1.02	1.06	3.97	ppb
Molybdenum	94-1	4.66	4.72	4.99	4.79	3.63	ppb
Molybdenum	95-1	4.43	4.57	4.69	4.56	2.81	ppb
Molybdenum	96-1	4.63	4.77	4.82	4.74	2.02	ppb
Molybdenum	97-1	4.43	4.55	4.89	4.63	5.11	ppb
Molybdenum	98-1	4.57	4.72	4.75	4.68	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.10	0.96	1.03	6.99	ppb
Phosphorus	31-2	-15.11	12.91	-1.11	-1.10		ppb
Potassium	39-2	538.49	505.42	493.49	512.47	4.55	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	77-2	6.08	-1.31	2.26	2.34	157.65	ppb
Selenium	78-2	1.34	5.96	7.08	4.80	63.45	ppb
Selenium	82-1	4.30	4.21	4.88	4.46	8.08	ppb
Silicon	28-1	-2.89	-3.52	-2.90	-3.10		ppb
Silver	109-1	0.92	0.87	0.95	0.91	4.36	ppb
Silver	107-1	0.95	0.93	0.92	0.94	1.22	ppb
Sodium	23-2	586.50	538.55	540.23	555.09	4.90	ppb
Strontium	86-1	0.91	0.87	0.98	0.92	6.00	ppb
Strontium	88-1	0.88	0.88	0.92	0.89	2.52	ppb
Sulfur	34-1	-1374.42	-1543.30	-1434.76	-1450.82		ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	0.94	0.92	0.92	0.92	1.59	ppb
Thallium	205-1	0.97	0.98	0.97	0.97	0.42	ppb
Tin	118-1	4.47	4.45	4.45	4.46	0.26	ppb
Titanium	47-1	4.37	4.21	4.21	4.26	2.10	ppb
Uranium	238-1	0.78	0.82	0.81	0.80	2.04	ppb
Vanadium	51-2	4.49	4.32	4.04	4.29	5.34	ppb
Yttrium	89-1				103		%
Yttrium	89-2				109		%
Zinc	66-2	2.28	2.04	2.24	2.19	5.92	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:29:31	DataFile Name :	026SMPL_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.00	1.01	0.99	1.00	0.87	ppb
Zirconium	91-1	0.91	1.05	0.96	0.97	7.12	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:32:51	DataFile Name :	027SMPL_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.27	21.22	21.48	21.32	0.66	ppb
Antimony	121-1	2.09	2.08	2.15	2.11	1.74	ppb
Arsenic	75-2	0.97	1.08	0.85	0.97	11.71	ppb
Barium	135-1	8.66	8.31	9.04	8.67	4.19	ppb
Barium	137-1	8.53	8.77	8.52	8.61	1.60	ppb
Beryllium	9-1	1.01	0.91	0.88	0.93	7.15	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	10-1	28.14	26.88	27.51	27.51	2.29	ppb
Boron	11-1	27.21	27.42	27.68	27.44	0.87	ppb
Cadmium	111-1	0.84	0.96	1.07	0.96	11.76	ppb
Cadmium	106-1	-0.11	1.67	3.34	1.64	105.41	ppb
Cadmium	108-1	1.18	0.87	0.95	1.00	15.86	ppb
Calcium	43-1	422.98	439.89	422.34	428.41	2.32	ppb
Calcium	44-1	445.48	443.09	443.85	444.14	0.28	ppb
Chromium	52-2	1.76	2.05	1.97	1.93	7.77	ppb
Cobalt	59-2	0.80	0.85	0.85	0.83	3.32	ppb
Copper	63-2	1.57	1.56	1.58	1.57	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				108		%
Iron	56-2	47.92	48.09	46.64	47.55	1.66	ppb
Iron	57-2	38.69	45.84	47.87	44.13	10.93	ppb
Krypton	83-1						cps
Lead	206-1	0.89	0.94	0.89	0.91	2.94	ppb
Lead	207-1	0.82	0.84	0.84	0.83	1.63	ppb
Lead	208-1	0.86	0.87	0.88	0.87	1.04	ppb
Lithium	6-1				100		%
Magnesium	24-2	451.50	463.14	474.98	463.21	2.53	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:32:51	DataFile Name :	027SMPL_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.85	0.91	1.13	0.96	15.31	ppb
Molybdenum	94-1	4.53	4.66	4.51	4.56	1.78	ppb
Molybdenum	95-1	4.47	4.51	4.55	4.51	0.88	ppb
Molybdenum	96-1	4.35	4.44	4.44	4.41	1.12	ppb
Molybdenum	97-1	4.39	4.53	4.47	4.46	1.59	ppb
Molybdenum	98-1	4.49	4.39	4.62	4.50	2.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	0.93	1.05	1.01	6.68	ppb
Phosphorus	31-2	12.66	12.60	-15.11	3.38	473.47	ppb
Potassium	39-2	476.50	467.47	483.17	475.71	1.66	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				109		%
Selenium	77-2	5.92	9.54	2.31	5.92	61.08	ppb
Selenium	78-2	6.00	4.24	3.06	4.44	33.35	ppb
Selenium	82-1	3.80	4.50	4.25	4.18	8.56	ppb
Silicon	28-1	-0.69	-2.53	-3.08	-2.10		ppb
Silver	109-1	0.84	0.89	0.93	0.89	5.29	ppb
Silver	107-1	0.93	0.91	0.89	0.91	2.21	ppb
Sodium	23-2	519.08	526.38	540.72	528.73	2.08	ppb
Strontium	86-1	0.77	0.96	0.86	0.86	11.02	ppb
Strontium	88-1	0.87	0.92	0.92	0.90	3.43	ppb
Sulfur	34-1	-1267.68	-1316.16	-1358.67	-1314.17		ppb
Terbium	159-1				99		%
Terbium	159-2				103		%
Thallium	203-1	0.93	0.92	0.88	0.91	3.11	ppb
Thallium	205-1	0.91	0.93	0.90	0.91	1.63	ppb
Tin	118-1	4.54	4.41	4.51	4.49	1.46	ppb
Titanium	47-1	4.32	4.43	4.64	4.46	3.59	ppb
Uranium	238-1	0.80	0.81	0.78	0.79	1.80	ppb
Vanadium	51-2	4.02	4.10	4.32	4.15	3.71	ppb
Yttrium	89-1				102		%
Yttrium	89-2				109		%
Zinc	66-2	1.62	1.87	1.91	1.80	8.74	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:32:51	DataFile Name :	027SMPL_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.96	0.96	0.95	0.96	0.69	ppb
Zirconium	91-1	0.96	0.88	0.94	0.92	4.23	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-09	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(130-132)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:36:11	DataFile Name :	028SMPL_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	128673.40	129507.11	130486.43	129555.64	0.70	ppb
Antimony	121-1	0.45	0.53	0.62	0.54	16.00	ppb
Arsenic	75-2	30.80	30.71	29.87	30.46	1.69	ppb
Barium	135-1	1457.58	1449.25	1433.00	1446.61	0.86	ppb
Barium	137-1	1436.90	1433.13	1419.63	1429.89	0.64	ppb
Beryllium	9-1	7.64	8.02	8.09	7.92	3.04	ppb
Bismuth	209-1				89		%
Bismuth	209-2				94		%
Boron	10-1	83.69	83.94	88.33	85.32	3.05	ppb
Boron	11-1	84.37	88.21	88.81	87.13	2.76	ppb
Cadmium	111-1	1.80	1.81	1.80	1.80	0.45	ppb
Cadmium	106-1	18.75	20.03	18.13	18.97	5.11	ppb
Cadmium	108-1	8.27	8.83	7.93	8.34	5.45	ppb
Calcium	43-1	228543.63	226595.95	229339.01	228159.53	0.62	ppb
Calcium	44-1	228772.15	225003.97	228844.03	227540.05	0.97	ppb
Chromium	52-2	190.72	190.54	194.54	191.93	1.18	ppb
Cobalt	59-2	107.00	107.64	110.79	108.48	1.87	ppb
Copper	63-2	237.39	236.77	242.63	238.93	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				103		%
Indium	115-1				96		%
Indium	115-2				102		%
Iron	56-2	253090.84	253849.13	259331.55	255423.84	1.33	ppb
Iron	57-2	250173.32	254395.19	260022.61	254863.71	1.94	ppb
Krypton	83-1						cps
Lead	206-1	132.12	130.10	130.99	131.07	0.77	ppb
Lead	207-1	120.38	118.42	118.25	119.02	0.99	ppb
Lead	208-1	126.46	123.70	124.79	124.98	1.11	ppb
Lithium	6-1				96		%
Magnesium	24-2	105926.64	106139.26	106774.37	106280.09	0.42	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-09	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(130-132)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:36:11	DataFile Name :	028SMPL_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5731.76	5709.17	5779.97	5740.30	0.63	ppb
Molybdenum	94-1	127.31	125.29	126.95	126.52	0.85	ppb
Molybdenum	95-1	2.67	2.56	2.64	2.62	2.04	ppb
Molybdenum	96-1	18.03	17.75	17.75	17.84	0.89	ppb
Molybdenum	97-1	2.64	2.62	2.48	2.58	3.43	ppb
Molybdenum	98-1	2.60	2.56	2.64	2.60	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	244.19	244.77	252.46	247.14	1.87	ppb
Phosphorus	31-2	4752.05	4887.74	4782.48	4807.42	1.48	ppb
Potassium	39-2	27289.54	27348.41	27980.35	27539.43	1.39	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				112		%
Scandium	45-2				115		%
Selenium	77-2	331.65	323.21	343.20	332.69	3.02	ppb
Selenium	78-2	48.68	54.22	52.41	51.77	5.45	ppb
Selenium	82-1	3.12	2.82	3.04	3.00	5.15	ppb
Silicon	28-1	7971.93	7730.45	7942.50	7881.63	1.67	ppb
Silver	109-1	0.40	0.44	0.42	0.42	4.61	ppb
Silver	107-1	0.47	0.48	0.46	0.47	2.24	ppb
Sodium	23-2	2361.88	2425.90	2422.73	2403.51	1.50	ppb
Strontium	86-1	557.08	541.76	557.38	552.08	1.62	ppb
Strontium	88-1	545.84	544.69	555.02	548.52	1.03	ppb
Sulfur	34-1	11867.21	11298.13	11795.32	11653.56	2.66	ppb
Terbium	159-1				96		%
Terbium	159-2				102		%
Thallium	203-1	1.81	1.65	1.76	1.74	4.56	ppb
Thallium	205-1	1.88	1.81	1.77	1.82	3.12	ppb
Tin	118-1	0.87	0.94	0.95	0.92	4.80	ppb
Titanium	47-1	1839.94	1816.89	1843.91	1833.58	0.80	ppb
Uranium	238-1	9.12	8.80	8.88	8.93	1.86	ppb
Vanadium	51-2	212.84	214.26	218.35	215.15	1.33	ppb
Yttrium	89-1				129		%
Yttrium	89-2				139		%
Zinc	66-2	543.87	545.20	565.82	551.63	2.23	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-09	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(130-132)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:36:11	DataFile Name :	028SMPL_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	83.38	84.40	82.74	83.51	1.01	ppb
Zirconium	91-1	79.99	80.33	79.60	79.97	0.46	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:39:28	DataFile Name :	029SMPL_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	82450.08	78542.91	79762.59	80251.86	2.49	ppb
Antimony	121-1	0.36	0.43	0.46	0.42	12.11	ppb
Arsenic	75-2	21.98	21.74	22.18	21.97	1.00	ppb
Barium	135-1	1031.07	1003.38	997.16	1010.54	1.79	ppb
Barium	137-1	1020.69	1003.60	998.10	1007.46	1.17	ppb
Beryllium	9-1	5.53	5.43	5.59	5.52	1.48	ppb
Bismuth	209-1				92		%
Bismuth	209-2				94		%
Boron	10-1	63.86	62.51	60.86	62.41	2.41	ppb
Boron	11-1	62.14	62.92	63.78	62.95	1.30	ppb
Cadmium	111-1	1.30	1.20	1.15	1.21	6.14	ppb
Cadmium	106-1	9.81	9.55	8.83	9.40	5.41	ppb
Cadmium	108-1	4.18	4.25	3.66	4.03	7.99	ppb
Calcium	43-1	252790.88	248875.37	251861.53	251175.93	0.81	ppb
Calcium	44-1	251532.93	245634.52	248038.55	248402.00	1.19	ppb
Chromium	52-2	134.85	130.26	130.81	131.97	1.90	ppb
Cobalt	59-2	79.26	76.08	76.62	77.32	2.20	ppb
Copper	63-2	193.88	187.25	188.11	189.74	1.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				103		%
Iron	56-2	157466.91	152074.50	153066.34	154202.58	1.86	ppb
Iron	57-2	160766.47	152319.47	153654.99	155580.31	2.92	ppb
Krypton	83-1						cps
Lead	206-1	88.80	88.47	89.45	88.90	0.56	ppb
Lead	207-1	80.73	79.80	81.01	80.51	0.79	ppb
Lead	208-1	84.33	83.86	84.94	84.38	0.64	ppb
Lithium	6-1				95		%
Magnesium	24-2	99671.59	95140.25	97446.83	97419.56	2.33	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:39:28	DataFile Name :	029SMPL_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4857.09	4695.23	4613.42	4721.91	2.63	ppb
Molybdenum	94-1	58.99	57.56	58.24	58.26	1.23	ppb
Molybdenum	95-1	1.82	1.87	1.96	1.88	3.60	ppb
Molybdenum	96-1	9.03	8.68	9.09	8.93	2.43	ppb
Molybdenum	97-1	1.69	1.99	1.87	1.85	8.13	ppb
Molybdenum	98-1	1.79	1.78	1.94	1.84	4.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	195.22	186.27	187.59	189.69	2.55	ppb
Phosphorus	31-2	5794.66	5786.63	5460.82	5680.70	3.35	ppb
Potassium	39-2	23587.50	22518.46	22533.38	22879.78	2.68	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				110		%
Scandium	45-2				112		%
Selenium	77-2	252.58	276.13	274.39	267.70	4.90	ppb
Selenium	78-2	42.36	39.94	47.30	43.20	8.68	ppb
Selenium	82-1	2.08	3.03	2.70	2.61	18.46	ppb
Silicon	28-1	12378.15	12370.75	12319.28	12356.06	0.26	ppb
Silver	109-1	0.39	0.40	0.38	0.39	2.55	ppb
Silver	107-1	0.45	0.41	0.42	0.43	5.32	ppb
Sodium	23-2	2101.58	2017.57	2030.09	2049.75	2.21	ppb
Strontium	86-1	522.43	518.00	512.29	517.57	0.98	ppb
Strontium	88-1	520.07	520.41	518.15	519.54	0.23	ppb
Sulfur	34-1	14963.27	14823.37	14973.30	14919.98	0.56	ppb
Terbium	159-1				98		%
Terbium	159-2				102		%
Thallium	203-1	1.62	1.53	1.59	1.58	2.65	ppb
Thallium	205-1	1.57	1.57	1.58	1.58	0.33	ppb
Tin	118-1	0.70	0.73	0.70	0.71	2.63	ppb
Titanium	47-1	1950.47	1903.45	1919.90	1924.61	1.24	ppb
Uranium	238-1	14.05	13.99	13.94	13.99	0.39	ppb
Vanadium	51-2	164.84	157.75	160.00	160.86	2.25	ppb
Yttrium	89-1				127		%
Yttrium	89-2				133		%
Zinc	66-2	402.48	383.17	391.26	392.30	2.47	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:39:28	DataFile Name :	029SMPL_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	37.16	36.87	36.90	36.98	0.44	ppb
Zirconium	91-1	36.56	36.27	36.03	36.29	0.73	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10DUP	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:42:42	DataFile Name :	030SMPL_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	84826.60	78907.97	78423.01	80719.19	4.42	ppb
Antimony	121-1	0.30	0.33	0.40	0.34	15.35	ppb
Arsenic	75-2	23.20	22.19	21.41	22.27	4.04	ppb
Barium	135-1	1015.71	1014.55	1020.58	1016.95	0.31	ppb
Barium	137-1	1001.71	1004.02	1004.11	1003.28	0.14	ppb
Beryllium	9-1	5.80	5.64	5.81	5.75	1.62	ppb
Bismuth	209-1				92		%
Bismuth	209-2				94		%
Boron	10-1	57.68	61.69	64.33	61.23	5.47	ppb
Boron	11-1	62.34	62.05	63.74	62.71	1.44	ppb
Cadmium	111-1	1.08	1.20	1.12	1.13	5.44	ppb
Cadmium	106-1	8.26	8.87	9.21	8.78	5.50	ppb
Cadmium	108-1	4.09	3.77	4.74	4.20	11.77	ppb
Calcium	43-1	242540.50	242937.16	248982.57	244820.07	1.47	ppb
Calcium	44-1	242613.70	245908.77	249792.23	246104.90	1.46	ppb
Chromium	52-2	139.29	130.38	129.45	133.04	4.08	ppb
Cobalt	59-2	81.32	76.29	75.86	77.82	3.90	ppb
Copper	63-2	201.33	187.55	189.09	192.66	3.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	56-2	163358.47	151115.56	151925.19	155466.40	4.40	ppb
Iron	57-2	166466.67	152153.80	155276.10	157965.52	4.76	ppb
Krypton	83-1						cps
Lead	206-1	88.88	87.69	89.83	88.80	1.21	ppb
Lead	207-1	79.52	78.65	80.53	79.57	1.18	ppb
Lead	208-1	83.50	82.78	84.51	83.60	1.04	ppb
Lithium	6-1				96		%
Magnesium	24-2	103541.63	95945.52	96327.61	98604.92	4.34	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10DUP	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:42:42	DataFile Name :	030SMPL_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5049.07	4698.20	4644.45	4797.24	4.58	ppb
Molybdenum	94-1	57.48	57.37	58.89	57.91	1.46	ppb
Molybdenum	95-1	1.71	1.76	1.82	1.76	3.16	ppb
Molybdenum	96-1	9.00	8.81	9.13	8.98	1.79	ppb
Molybdenum	97-1	1.62	1.72	1.78	1.71	4.57	ppb
Molybdenum	98-1	1.74	1.85	1.85	1.81	3.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	199.21	183.61	187.68	190.17	4.25	ppb
Phosphorus	31-2	6278.10	5828.18	5236.52	5780.93	9.04	ppb
Potassium	39-2	23980.09	22724.54	22572.55	23092.39	3.35	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				112		%
Scandium	45-2				112		%
Selenium	77-2	402.42	287.97	265.20	318.53	23.09	ppb
Selenium	78-2	47.98	32.33	39.10	39.80	19.73	ppb
Selenium	82-1	2.87	3.39	3.26	3.17	8.46	ppb
Silicon	28-1	11756.02	11845.34	11880.14	11827.17	0.54	ppb
Silver	109-1	0.37	0.39	0.36	0.37	4.79	ppb
Silver	107-1	0.35	0.41	0.41	0.39	8.72	ppb
Sodium	23-2	2183.97	2048.24	2023.02	2085.08	4.15	ppb
Strontium	86-1	505.60	511.78	524.68	514.02	1.89	ppb
Strontium	88-1	505.32	506.55	515.37	509.08	1.08	ppb
Sulfur	34-1	14644.60	14804.62	14694.02	14714.41	0.56	ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	1.54	1.57	1.52	1.54	1.82	ppb
Thallium	205-1	1.56	1.56	1.60	1.57	1.33	ppb
Tin	118-1	0.66	0.68	0.70	0.68	3.51	ppb
Titanium	47-1	1875.59	1889.16	1902.83	1889.19	0.72	ppb
Uranium	238-1	13.73	13.87	13.88	13.83	0.57	ppb
Vanadium	51-2	170.54	156.68	156.79	161.34	4.94	ppb
Yttrium	89-1				127		%
Yttrium	89-2				131		%
Zinc	66-2	410.69	390.98	389.92	397.20	2.94	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10DUP	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:42:42	DataFile Name :	030SMPL_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	36.23	36.64	37.19	36.69	1.32	ppb
Zirconium	91-1	35.91	36.13	36.41	36.15	0.69	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10LX5	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-08 16:45:57	DataFile Name :	031SMPL_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27819.02	27675.81	28003.25	27832.70	0.59	ppb
Antimony	121-1	0.10	0.13	0.18	0.14	28.34	ppb
Arsenic	75-2	7.22	7.83	6.87	7.30	6.65	ppb
Barium	135-1	283.37	279.44	285.28	282.70	1.05	ppb
Barium	137-1	287.27	281.38	287.29	285.31	1.19	ppb
Beryllium	9-1	1.77	1.60	1.54	1.64	7.08	ppb
Bismuth	209-1				99		%
Bismuth	209-2				104		%
Boron	10-1	24.03	24.29	23.71	24.01	1.19	ppb
Boron	11-1	22.89	22.46	23.75	23.03	2.87	ppb
Cadmium	111-1	0.49	0.33	0.39	0.41	19.86	ppb
Cadmium	106-1	5.12	3.90	4.36	4.46	13.80	ppb
Cadmium	108-1	1.58	1.64	1.58	1.60	2.20	ppb
Calcium	43-1	49873.42	49147.70	50091.33	49704.15	0.99	ppb
Calcium	44-1	48714.37	48634.63	48714.53	48687.84	0.09	ppb
Chromium	52-2	41.29	40.80	41.71	41.26	1.11	ppb
Cobalt	59-2	23.90	23.51	24.08	23.83	1.21	ppb
Copper	63-2	52.45	51.75	53.08	52.43	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				110		%
Indium	115-1				106		%
Indium	115-2				112		%
Iron	56-2	55658.78	54956.31	56029.71	55548.27	0.98	ppb
Iron	57-2	54786.93	54794.66	55524.17	55035.25	0.77	ppb
Krypton	83-1						cps
Lead	206-1	25.92	25.74	25.45	25.70	0.91	ppb
Lead	207-1	23.42	23.21	23.39	23.34	0.48	ppb
Lead	208-1	24.58	24.21	24.28	24.35	0.80	ppb
Lithium	6-1				102		%
Magnesium	24-2	22850.25	22508.54	23066.28	22808.36	1.23	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10LX5	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-08 16:45:57	DataFile Name :	031SMPL_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1213.27	1203.42	1236.34	1217.68	1.39	ppb
Molybdenum	94-1	29.36	29.81	29.89	29.69	0.97	ppb
Molybdenum	95-1	0.57	0.65	0.69	0.64	9.52	ppb
Molybdenum	96-1	4.24	4.16	4.26	4.22	1.21	ppb
Molybdenum	97-1	0.57	0.68	0.61	0.62	8.81	ppb
Molybdenum	98-1	0.65	0.64	0.73	0.67	7.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.17	53.72	54.08	53.99	0.44	ppb
Phosphorus	31-2	800.80	896.73	908.22	868.58	6.79	ppb
Potassium	39-2	5967.24	5823.58	6059.09	5949.97	1.99	ppb
Rhodium	103-1				105		%
Rhodium	103-2				108		%
Scandium	45-1				114		%
Scandium	45-2				117		%
Selenium	77-2	62.44	98.70	76.27	79.14	23.12	ppb
Selenium	78-2	17.15	17.37	4.21	12.91	58.37	ppb
Selenium	82-1	1.00	0.50	0.85	0.78	32.37	ppb
Silicon	28-1	1664.51	1649.15	1663.66	1659.11	0.52	ppb
Silver	109-1	0.09	0.08	0.10	0.09	9.04	ppb
Silver	107-1	0.10	0.11	0.09	0.10	6.20	ppb
Sodium	23-2	544.97	552.52	544.85	547.45	0.80	ppb
Strontium	86-1	130.66	131.95	132.99	131.87	0.89	ppb
Strontium	88-1	137.59	134.38	136.04	136.00	1.18	ppb
Sulfur	34-1	1243.84	1110.25	944.14	1099.41	13.66	ppb
Terbium	159-1				103		%
Terbium	159-2				108		%
Thallium	203-1	0.38	0.35	0.35	0.36	4.06	ppb
Thallium	205-1	0.37	0.36	0.36	0.36	2.25	ppb
Tin	118-1	0.13	0.11	0.17	0.14	21.80	ppb
Titanium	47-1	376.17	384.40	378.27	379.61	1.13	ppb
Uranium	238-1	1.67	1.70	1.74	1.70	2.03	ppb
Vanadium	51-2	46.33	46.27	47.25	46.61	1.18	ppb
Yttrium	89-1				115		%
Yttrium	89-2				122		%
Zinc	66-2	122.65	121.03	125.80	123.16	1.97	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10LX5	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-08 16:45:57	DataFile Name :	031SMPL_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	19.03	18.99	19.28	19.10	0.83	ppb
Zirconium	91-1	18.65	18.82	18.94	18.80	0.78	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10MS	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:49:16	DataFile Name :	032SMPL_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95688.55	107175.59	95382.64	99415.59	6.76	ppb
Antimony	121-1	213.79	211.93	211.58	212.43	0.56	ppb
Arsenic	75-2	369.18	413.50	373.64	385.44	6.33	ppb
Barium	135-1	3398.22	3375.07	3315.97	3363.09	1.26	ppb
Barium	137-1	3372.84	3299.86	3298.08	3323.59	1.28	ppb
Beryllium	9-1	473.56	474.97	462.16	470.23	1.49	ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Boron	10-1	503.74	525.31	519.38	516.14	2.16	ppb
Boron	11-1	504.53	520.74	514.87	513.38	1.60	ppb
Cadmium	111-1	457.11	453.04	447.39	452.51	1.08	ppb
Cadmium	106-1	474.90	478.49	473.42	475.61	0.55	ppb
Cadmium	108-1	462.91	463.21	455.76	460.63	0.92	ppb
Calcium	43-1	286023.55	287913.12	280689.49	284875.38	1.32	ppb
Calcium	44-1	286649.27	288715.58	286893.61	287419.49	0.39	ppb
Chromium	52-2	573.98	639.08	573.62	595.56	6.33	ppb
Cobalt	59-2	487.03	538.26	487.18	504.16	5.86	ppb
Copper	63-2	995.34	1097.00	998.75	1030.36	5.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	180127.07	198334.54	179741.51	186067.71	5.71	ppb
Iron	57-2	178689.60	199409.17	179668.71	185922.49	6.29	ppb
Krypton	83-1						cps
Lead	206-1	571.05	582.94	567.96	573.98	1.38	ppb
Lead	207-1	560.93	574.94	563.59	566.49	1.31	ppb
Lead	208-1	568.63	572.98	566.40	569.34	0.59	ppb
Lithium	6-1				97		%
Magnesium	24-2	142053.10	157353.63	141693.59	147033.44	6.08	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10MS	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:49:16	DataFile Name :	032SMPL_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5514.73	5996.83	5437.99	5649.85	5.36	ppb
Molybdenum	94-1	1824.39	1837.13	1820.23	1827.25	0.48	ppb
Molybdenum	95-1	1706.58	1691.44	1757.89	1718.63	2.03	ppb
Molybdenum	96-1	1682.98	1738.83	1754.27	1725.36	2.17	ppb
Molybdenum	97-1	1695.46	1737.76	1721.21	1718.14	1.24	ppb
Molybdenum	98-1	1689.34	1704.86	1736.19	1710.13	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	601.34	666.24	606.16	624.58	5.79	ppb
Phosphorus	31-2	5577.88	6180.20	5756.62	5838.23	5.30	ppb
Potassium	39-2	47841.71	53177.00	47708.33	49575.68	6.29	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				114		%
Scandium	45-2				113		%
Selenium	77-2	708.12	715.48	681.80	701.80	2.52	ppb
Selenium	78-2	401.56	439.97	397.53	413.02	5.67	ppb
Selenium	82-1	346.09	348.97	351.56	348.87	0.78	ppb
Silicon	28-1	10757.39	10812.30	10601.48	10723.72	1.02	ppb
Silver	109-1	31.00	31.21	30.53	30.91	1.12	ppb
Silver	107-1	31.22	31.08	30.53	30.94	1.17	ppb
Sodium	23-2	47375.79	52712.37	47564.39	49217.51	6.15	ppb
Strontium	86-1	882.21	881.67	876.24	880.04	0.38	ppb
Strontium	88-1	871.84	893.10	880.35	881.76	1.21	ppb
Sulfur	34-1	11777.74	14869.62	14392.52	13679.96	12.17	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	483.62	489.89	483.05	485.52	0.78	ppb
Thallium	205-1	480.80	483.35	481.16	481.77	0.29	ppb
Tin	118-1	436.28	436.36	432.38	435.01	0.52	ppb
Titanium	47-1	4380.80	4365.42	4316.21	4354.14	0.77	ppb
Uranium	238-1	473.79	479.70	475.06	476.18	0.65	ppb
Vanadium	51-2	599.42	672.06	598.02	623.17	6.80	ppb
Yttrium	89-1				129		%
Yttrium	89-2				133		%
Zinc	66-2	1170.52	1298.25	1168.86	1212.55	6.12	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10MS	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:49:16	DataFile Name :	032SMPL_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	414.31	417.90	421.59	417.94	0.87	ppb
Zirconium	91-1	418.30	419.82	420.89	419.67	0.31	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10MSD	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:52:25	DataFile Name :	033SMPL_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93304.16	94015.90	94021.69	93780.58	0.44	ppb
Antimony	121-1	217.52	215.30	214.46	215.76	0.73	ppb
Arsenic	75-2	370.89	376.66	375.89	374.48	0.84	ppb
Barium	135-1	3323.84	3334.76	3340.19	3332.93	0.25	ppb
Barium	137-1	3285.01	3320.76	3273.70	3293.16	0.75	ppb
Beryllium	9-1	462.75	448.51	457.30	456.19	1.57	ppb
Bismuth	209-1				92		%
Bismuth	209-2				94		%
Boron	10-1	509.83	497.37	517.10	508.10	1.96	ppb
Boron	11-1	502.62	504.96	515.58	507.72	1.36	ppb
Cadmium	111-1	450.11	455.46	452.81	452.79	0.59	ppb
Cadmium	106-1	473.32	468.89	469.82	470.68	0.50	ppb
Cadmium	108-1	460.24	458.25	459.17	459.22	0.22	ppb
Calcium	43-1	273250.06	269821.32	274129.63	272400.34	0.84	ppb
Calcium	44-1	271159.88	273191.78	274085.33	272812.33	0.55	ppb
Chromium	52-2	563.01	568.56	565.73	565.77	0.49	ppb
Cobalt	59-2	477.52	478.74	476.88	477.71	0.20	ppb
Copper	63-2	976.66	967.59	974.22	972.82	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				104		%
Iron	56-2	170558.52	171665.28	170519.52	170914.44	0.38	ppb
Iron	57-2	174444.53	173729.38	171487.91	173220.61	0.89	ppb
Krypton	83-1						cps
Lead	206-1	554.48	563.23	556.05	557.92	0.84	ppb
Lead	207-1	549.04	548.89	551.96	549.96	0.31	ppb
Lead	208-1	550.74	555.89	551.88	552.84	0.49	ppb
Lithium	6-1				98		%
Magnesium	24-2	138849.19	139006.94	137006.19	138287.44	0.80	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10MSD	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:52:25	DataFile Name :	033SMPL_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5241.95	5294.46	5202.62	5246.34	0.88	ppb
Molybdenum	94-1	1796.14	1798.24	1816.32	1803.57	0.62	ppb
Molybdenum	95-1	1690.06	1687.85	1714.57	1697.50	0.87	ppb
Molybdenum	96-1	1705.90	1711.97	1732.62	1716.83	0.82	ppb
Molybdenum	97-1	1683.63	1696.38	1706.34	1695.45	0.67	ppb
Molybdenum	98-1	1703.33	1676.18	1694.36	1691.29	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	591.49	592.95	594.80	593.08	0.28	ppb
Phosphorus	31-2	5806.44	5689.05	5802.67	5766.05	1.16	ppb
Potassium	39-2	47632.68	48402.20	47414.62	47816.50	1.09	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				114		%
Scandium	45-2				117		%
Selenium	77-2	685.81	646.63	590.21	640.88	7.50	ppb
Selenium	78-2	416.91	395.40	419.20	410.50	3.20	ppb
Selenium	82-1	343.80	346.51	350.90	347.07	1.03	ppb
Silicon	28-1	9622.31	9686.46	9646.41	9651.73	0.34	ppb
Silver	109-1	32.78	33.16	33.02	32.99	0.57	ppb
Silver	107-1	32.98	32.61	33.03	32.87	0.70	ppb
Sodium	23-2	46766.81	47190.99	47143.67	47033.82	0.49	ppb
Strontium	86-1	843.58	865.13	855.70	854.80	1.26	ppb
Strontium	88-1	842.28	854.68	850.93	849.30	0.75	ppb
Sulfur	34-1	12910.88	13175.79	12800.51	12962.39	1.49	ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	472.64	481.81	475.58	476.67	0.98	ppb
Thallium	205-1	463.70	470.30	468.17	467.39	0.72	ppb
Tin	118-1	446.45	443.37	448.83	446.22	0.61	ppb
Titanium	47-1	4172.39	4218.65	4179.34	4190.13	0.60	ppb
Uranium	238-1	468.42	467.02	465.61	467.01	0.30	ppb
Vanadium	51-2	590.34	598.31	590.73	593.13	0.76	ppb
Yttrium	89-1				128		%
Yttrium	89-2				135		%
Zinc	66-2	1142.16	1150.68	1134.22	1142.35	0.72	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10MSD	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:52:25	DataFile Name :	033SMPL_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	412.15	416.61	411.75	413.50	0.65	ppb
Zirconium	91-1	410.59	408.73	413.56	410.96	0.59	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10A	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)A	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:55:33	DataFile Name :	034SMPL_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96859.66	94160.94	94347.09	95122.56	1.58	ppb
Antimony	121-1	211.73	212.70	215.14	213.19	0.82	ppb
Arsenic	75-2	376.28	375.90	374.53	375.57	0.25	ppb
Barium	135-1	3344.40	3365.81	3357.40	3355.87	0.32	ppb
Barium	137-1	3317.29	3326.22	3344.26	3329.26	0.41	ppb
Beryllium	9-1	464.67	452.66	466.75	461.36	1.65	ppb
Bismuth	209-1				90		%
Bismuth	209-2				94		%
Boron	10-1	516.88	505.54	527.91	516.78	2.16	ppb
Boron	11-1	511.39	518.77	535.07	521.75	2.32	ppb
Cadmium	111-1	453.86	458.86	458.35	457.02	0.60	ppb
Cadmium	106-1	476.20	467.76	476.39	473.45	1.04	ppb
Cadmium	108-1	468.68	472.91	471.69	471.09	0.46	ppb
Calcium	43-1	276683.47	280624.56	276370.85	277892.96	0.85	ppb
Calcium	44-1	279400.73	278603.81	275843.95	277949.50	0.67	ppb
Chromium	52-2	577.41	559.59	565.83	567.61	1.59	ppb
Cobalt	59-2	488.20	472.65	475.98	478.94	1.71	ppb
Copper	63-2	988.48	953.76	973.71	971.98	1.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				103		%
Iron	56-2	177894.34	171478.77	171107.71	173493.61	2.20	ppb
Iron	57-2	178078.41	170923.47	175393.83	174798.57	2.07	ppb
Krypton	83-1						cps
Lead	206-1	561.36	576.00	568.51	568.62	1.29	ppb
Lead	207-1	559.07	561.12	555.59	558.60	0.50	ppb
Lead	208-1	561.10	565.85	568.49	565.15	0.66	ppb
Lithium	6-1				97		%
Magnesium	24-2	144025.87	138806.32	138396.52	140409.57	2.24	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10A	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)A	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:55:33	DataFile Name :	034SMPL_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5519.30	5257.74	5320.17	5365.74	2.55	ppb
Molybdenum	94-1	1782.09	1841.53	1822.06	1815.23	1.67	ppb
Molybdenum	95-1	1680.01	1709.80	1712.45	1700.76	1.06	ppb
Molybdenum	96-1	1713.48	1715.49	1739.50	1722.83	0.84	ppb
Molybdenum	97-1	1716.49	1724.86	1726.49	1722.61	0.31	ppb
Molybdenum	98-1	1690.33	1680.19	1703.86	1691.46	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	607.99	591.27	592.93	597.40	1.54	ppb
Phosphorus	31-2	5829.21	5374.89	5854.45	5686.18	4.75	ppb
Potassium	39-2	48927.75	47067.10	47920.98	47971.94	1.94	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				114		%
Scandium	45-2				117		%
Selenium	77-2	697.55	689.05	656.81	681.14	3.16	ppb
Selenium	78-2	401.88	394.62	416.91	404.47	2.81	ppb
Selenium	82-1	344.29	346.69	347.42	346.13	0.47	ppb
Silicon	28-1	11128.66	11074.61	11188.71	11130.66	0.51	ppb
Silver	109-1	32.27	32.54	32.73	32.51	0.70	ppb
Silver	107-1	32.70	32.30	32.82	32.61	0.84	ppb
Sodium	23-2	48171.85	46427.05	47291.50	47296.80	1.84	ppb
Strontium	86-1	860.65	863.23	866.26	863.38	0.33	ppb
Strontium	88-1	860.40	867.81	864.29	864.17	0.43	ppb
Sulfur	34-1	13191.53	13430.44	13133.22	13251.73	1.19	ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	471.00	483.63	474.37	476.33	1.37	ppb
Thallium	205-1	478.31	476.80	477.79	477.63	0.16	ppb
Tin	118-1	429.59	427.20	435.00	430.59	0.93	ppb
Titanium	47-1	4377.41	4369.70	4351.38	4366.16	0.31	ppb
Uranium	238-1	476.38	471.17	479.33	475.63	0.87	ppb
Vanadium	51-2	610.29	592.97	593.74	599.00	1.63	ppb
Yttrium	89-1				128		%
Yttrium	89-2				135		%
Zinc	66-2	1174.43	1130.72	1151.43	1152.19	1.90	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10A	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)A	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:55:33	DataFile Name :	034SMPL_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	411.69	413.71	415.08	413.49	0.41	ppb
Zirconium	91-1	411.26	421.69	418.76	417.24	1.29	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10LREX5	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)LRE	Dilution Factor :	5
Date & Time Acquired ::	2018-05-08 16:58:43	DataFile Name :	035SMPL_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16576.87	16106.75	16181.95	16288.52	1.55	ppb
Antimony	121-1	0.10	0.12	0.12	0.11	10.22	ppb
Arsenic	75-2	5.58	5.11	4.79	5.16	7.75	ppb
Barium	135-1	192.10	195.18	207.76	198.35	4.18	ppb
Barium	137-1	193.84	198.05	206.91	199.60	3.34	ppb
Beryllium	9-1	1.43	1.30	1.55	1.43	8.99	ppb
Bismuth	209-1				94		%
Bismuth	209-2				100		%
Boron	10-1	32.47	30.66	32.67	31.94	3.46	ppb
Boron	11-1	33.55	31.30	31.45	32.10	3.92	ppb
Cadmium	111-1	0.37	0.38	0.39	0.38	2.92	ppb
Cadmium	106-1	3.15	2.61	3.59	3.12	15.73	ppb
Cadmium	108-1	0.79	0.93	1.11	0.94	17.33	ppb
Calcium	43-1	52125.98	53427.76	56544.12	54032.62	4.20	ppb
Calcium	44-1	51383.57	51224.29	55387.63	52665.17	4.48	ppb
Chromium	52-2	27.76	26.84	26.88	27.16	1.91	ppb
Cobalt	59-2	16.10	15.82	16.03	15.98	0.91	ppb
Copper	63-2	40.42	39.49	39.71	39.87	1.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				109		%
Iron	56-2	31951.17	31040.91	31717.77	31569.95	1.50	ppb
Iron	57-2	31526.14	31050.78	31332.01	31302.98	0.76	ppb
Krypton	83-1						cps
Lead	206-1	16.91	17.85	18.72	17.83	5.09	ppb
Lead	207-1	15.46	16.28	16.75	16.16	4.04	ppb
Lead	208-1	16.14	16.73	17.60	16.82	4.37	ppb
Lithium	6-1				98		%
Magnesium	24-2	19987.60	19678.03	19868.13	19844.59	0.79	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10LREX5	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)LRE	Dilution Factor :	5
Date & Time Acquired ::	2018-05-08 16:58:43	DataFile Name :	035SMPL_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	964.24	945.76	947.26	952.42	1.08	ppb
Molybdenum	94-1	13.48	14.29	14.96	14.25	5.20	ppb
Molybdenum	95-1	1.11	1.25	1.58	1.31	18.39	ppb
Molybdenum	96-1	2.71	2.93	3.24	2.96	9.10	ppb
Molybdenum	97-1	1.15	1.15	1.69	1.33	23.19	ppb
Molybdenum	98-1	1.24	1.34	1.62	1.40	14.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.64	39.51	39.88	39.68	0.47	ppb
Phosphorus	31-2	1187.23	1272.30	1148.44	1202.66	5.27	ppb
Potassium	39-2	4722.16	4563.35	4787.78	4691.10	2.46	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				114		%
Selenium	77-2	85.43	81.97	48.77	72.06	28.09	ppb
Selenium	78-2	9.82	13.61	9.29	10.91	21.61	ppb
Selenium	82-1	0.80	0.92	1.09	0.93	15.20	ppb
Silicon	28-1	2518.35	2582.88	2763.24	2621.49	4.84	ppb
Silver	109-1	0.07	0.11	0.12	0.10	26.27	ppb
Silver	107-1	0.11	0.09	0.11	0.11	10.60	ppb
Sodium	23-2	484.60	469.67	456.84	470.37	2.95	ppb
Strontium	86-1	117.77	119.49	127.11	121.46	4.09	ppb
Strontium	88-1	121.78	124.26	130.98	125.67	3.79	ppb
Sulfur	34-1	1592.30	1556.59	2952.40	2033.77	39.13	ppb
Terbium	159-1				100		%
Terbium	159-2				106		%
Thallium	203-1	0.87	0.83	0.93	0.88	5.66	ppb
Thallium	205-1	0.84	0.86	0.93	0.88	4.97	ppb
Tin	118-1	0.24	0.21	0.32	0.25	22.79	ppb
Titanium	47-1	390.00	387.62	418.40	398.67	4.30	ppb
Uranium	238-1	2.67	2.77	2.95	2.80	5.04	ppb
Vanadium	51-2	33.12	31.79	32.93	32.61	2.21	ppb
Yttrium	89-1				108		%
Yttrium	89-2				118		%
Zinc	66-2	83.80	84.22	84.08	84.03	0.26	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10LREX5	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)LRE	Dilution Factor :	5
Date & Time Acquired ::	2018-05-08 16:58:43	DataFile Name :	035SMPL_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	8.40	8.53	9.10	8.68	4.31	ppb
Zirconium	91-1	8.23	8.45	8.98	8.56	4.51	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P8
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 17:40:28	DataFile Name :	041CCV_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49827.78	49636.57	49471.87	49645.40	0.36	ppb
Antimony	121-1	534.99	509.74	503.53	516.09	3.23	ppb
Arsenic	75-2	475.31	477.51	476.48	476.43	0.23	ppb
Barium	135-1	2679.51	2566.34	2541.20	2595.69	2.84	ppb
Barium	137-1	2667.82	2536.80	2493.17	2565.93	3.54	ppb
Beryllium	9-1	543.65	508.66	509.75	520.69	3.82	ppb
Bismuth	209-1				90		%
Bismuth	209-2				99		%
Boron	10-1	532.48	525.29	521.26	526.34	1.08	ppb
Boron	11-1	537.63	517.35	527.51	527.50	1.92	ppb
Cadmium	111-1	522.29	497.19	493.01	504.16	3.14	ppb
Cadmium	106-1	535.76	508.39	510.17	518.11	2.96	ppb
Cadmium	108-1	526.77	505.02	500.13	510.64	2.78	ppb
Calcium	43-1	278933.57	266110.45	264824.63	269956.22	2.89	ppb
Calcium	44-1	276065.80	263003.52	263946.09	267671.80	2.72	ppb
Chromium	52-2	483.90	483.87	478.38	482.05	0.66	ppb
Cobalt	59-2	496.81	494.37	490.50	493.89	0.64	ppb
Copper	63-2	996.41	989.16	982.65	989.41	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				110		%
Indium	115-1				100		%
Indium	115-2				113		%
Iron	56-2	129465.42	127132.95	128094.03	128230.80	0.91	ppb
Iron	57-2	130207.90	130353.79	128350.04	129637.24	0.86	ppb
Krypton	83-1						cps
Lead	206-1	523.15	498.63	497.13	506.30	2.89	ppb
Lead	207-1	515.19	494.68	496.40	502.09	2.27	ppb
Lead	208-1	516.38	498.72	496.48	503.86	2.16	ppb
Lithium	6-1				99		%
Magnesium	24-2	244965.07	244879.95	244436.89	244760.64	0.12	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P8
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 17:40:28	DataFile Name :	041CCV_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	974.73	964.43	960.75	966.64	0.75	ppb
Molybdenum	94-1	2508.17	2436.17	2425.36	2456.57	1.83	ppb
Molybdenum	95-1	2524.96	2387.17	2396.98	2436.37	3.16	ppb
Molybdenum	96-1	2523.45	2384.94	2391.61	2433.33	3.21	ppb
Molybdenum	97-1	2516.58	2407.28	2404.69	2442.85	2.61	ppb
Molybdenum	98-1	2523.40	2407.49	2395.95	2442.28	2.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.61	499.56	501.86	503.01	0.82	ppb
Phosphorus	31-2	10103.08	9841.69	10112.65	10019.14	1.53	ppb
Potassium	39-2	124064.71	122494.32	122776.30	123111.78	0.68	ppb
Rhodium	103-1				99		%
Rhodium	103-2				105		%
Scandium	45-1				112		%
Scandium	45-2				121		%
Selenium	77-2	508.26	448.85	554.25	503.79	10.49	ppb
Selenium	78-2	488.47	484.24	509.90	494.20	2.78	ppb
Selenium	82-1	504.23	480.14	474.66	486.34	3.23	ppb
Silicon	28-1	586.80	563.88	566.47	572.38	2.19	ppb
Silver	109-1	555.79	525.59	516.95	532.77	3.83	ppb
Silver	107-1	553.72	535.36	521.92	537.00	2.97	ppb
Sodium	23-2	241754.04	239904.69	240337.65	240665.46	0.40	ppb
Strontium	86-1	523.59	503.33	499.23	508.72	2.56	ppb
Strontium	88-1	521.37	501.01	493.73	505.37	2.84	ppb
Sulfur	34-1	11930.87	10289.01	10550.22	10923.36	8.08	ppb
Terbium	159-1				99		%
Terbium	159-2				110		%
Thallium	203-1	512.72	497.03	500.71	503.48	1.63	ppb
Thallium	205-1	511.27	490.30	495.61	499.06	2.18	ppb
Tin	118-1	532.18	511.12	514.18	519.16	2.19	ppb
Titanium	47-1	2573.04	2442.21	2427.52	2480.92	3.23	ppb
Uranium	238-1	501.91	480.51	486.44	489.62	2.26	ppb
Vanadium	51-2	478.70	475.13	473.51	475.78	0.56	ppb
Yttrium	89-1				106		%
Yttrium	89-2				119		%
Zinc	66-2	1007.88	1006.56	998.70	1004.38	0.49	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P8
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 17:40:28	DataFile Name :	041CCV_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	511.56	483.03	480.56	491.72	3.50	ppb
Zirconium	91-1	510.08	495.01	485.60	496.90	2.48	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	CCB73	Instrumnet Name :	P8
Client Sample ID :	CCB73	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 17:55:43	DataFile Name :	043CCBE_P8050818-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.53	-0.34	2.46	0.88	162.92	ppb
Antimony	121-1	0.22	0.37	0.41	0.33	29.87	ppb
Arsenic	75-2	-0.01	0.03	0.01	0.01	257.85	ppb
Barium	135-1	0.00	0.00	0.00	0.00	425.89	ppb
Barium	137-1	0.02	0.02	0.01	0.01	46.25	ppb
Beryllium	9-1	0.07	0.06	0.04	0.05	25.20	ppb
Bismuth	209-1				94		%
Bismuth	209-2				103		%
Boron	10-1	5.10	5.71	4.89	5.24	8.16	ppb
Boron	11-1	5.29	4.80	4.66	4.92	6.76	ppb
Cadmium	111-1	0.03	0.04	0.23	0.10	111.78	ppb
Cadmium	106-1	0.41	0.55	2.99	1.32	110.20	ppb
Cadmium	108-1	0.00	0.03	-0.03	0.00	2105.15	ppb
Calcium	43-1	-11.87	-10.62	-11.54	-11.34		ppb
Calcium	44-1	-0.07	0.10	2.99	1.01	170.71	ppb
Chromium	52-2	-0.07	-0.05	-0.03	-0.05		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	-0.16	-0.17	-0.17	-0.16		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				115		%
Iron	56-2	1.62	1.10	1.40	1.37	19.02	ppb
Iron	57-2	1.89	0.57	1.70	1.39	51.24	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.04	0.06	0.05	20.04	ppb
Lead	207-1	0.04	0.04	0.05	0.05	17.55	ppb
Lead	208-1	0.05	0.06	0.06	0.06	13.51	ppb
Lithium	6-1				102		%
Magnesium	24-2	3.21	0.93	4.13	2.76	59.64	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	CCB73	Instrumnet Name :	P8
Client Sample ID :	CCB73	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 17:55:43	DataFile Name :	043CCBE_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.07	0.04	0.10	0.07	41.75	ppb
Molybdenum	94-1	0.18	0.22	0.26	0.22	18.37	ppb
Molybdenum	95-1	0.17	0.20	0.35	0.24	41.05	ppb
Molybdenum	96-1	0.15	0.28	0.39	0.27	44.11	ppb
Molybdenum	97-1	0.16	0.27	0.39	0.27	43.09	ppb
Molybdenum	98-1	0.15	0.26	0.36	0.26	39.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.07	0.02	0.06	61.36	ppb
Phosphorus	31-2	-15.11	-15.11	-2.37	-10.86		ppb
Potassium	39-2	12.51	11.34	17.27	13.71	22.92	ppb
Rhodium	103-1				104		%
Rhodium	103-2				110		%
Scandium	45-1				111		%
Scandium	45-2				120		%
Selenium	77-2	-1.31	-1.31	-1.31	-1.31		ppb
Selenium	78-2	2.19	1.12	-0.51	0.93	146.28	ppb
Selenium	82-1	-0.09	0.17	0.20	0.09	175.38	ppb
Silicon	28-1	-23.12	-20.86	-18.71	-20.90		ppb
Silver	109-1	0.01	0.01	0.01	0.01	7.00	ppb
Silver	107-1	0.00	0.01	0.01	0.01	74.52	ppb
Sodium	23-2	42.64	46.95	51.38	46.99	9.30	ppb
Strontium	86-1	0.01	0.03	0.03	0.02	39.68	ppb
Strontium	88-1	0.00	0.00	0.01	0.01	25.41	ppb
Sulfur	34-1	-1456.15	-1115.60	-841.83	-1137.86		ppb
Terbium	159-1				98		%
Terbium	159-2				107		%
Thallium	203-1	0.07	0.07	0.09	0.08	11.76	ppb
Thallium	205-1	0.07	0.07	0.08	0.07	11.61	ppb
Tin	118-1	-0.01	0.00	0.01	0.00	528.94	ppb
Titanium	47-1	0.07	0.10	0.04	0.07	44.84	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	32.43	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	41.17	ppb
Yttrium	89-1				105		%
Yttrium	89-2				117		%
Zinc	66-2	0.36	0.36	0.40	0.37	6.10	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	CCB73	Instrumnet Name :	P8
Client Sample ID :	CCB73	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 17:55:43	DataFile Name :	043CCBE_P8050818-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.05	0.04	0.05	11.94	ppb
Zirconium	91-1	0.05	0.07	0.03	0.05	41.73	ppb

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:30:09	DataFile Name :	003CALB_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	33	33	31	15.74	cps
Antimony	121-1	150	217	283	217	30.77	cps
Arsenic	75-2	6	9	9	8	26.61	cps
Barium	135-1	8	58	92	53	79.48	cps
Barium	137-1	50	67	83	67	25.00	cps
Beryllium	9-1	44	28	56	43	32.83	cps
Bismuth	209-1	6766082	6896967	6785895	6816315	1.03	cps
Bismuth	209-2	2220813	2236763	2222336	2226637	0.40	cps
Boron	10-1	133	58	83	92	41.66	cps
Boron	11-1	400	350	317	356	11.80	cps
Cadmium	111-1	1414	1439	1406	1420	1.19	cps
Cadmium	106-1	2009	2050	1992	2017	1.49	cps
Cadmium	108-1	0	13	13	8	86.60	cps
Calcium	43-1	1067	975	1125	1056	7.16	cps
Calcium	44-1	29349	29950	29825	29708	1.07	cps
Chromium	52-2	767	840	677	761	10.75	cps
Cobalt	59-2	60	80	77	72	14.84	cps
Copper	63-2	1343	1420	1373	1379	2.80	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	42	42	42	0.00	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	175	75	108	119	42.63	cps
Gadolinium	160-2	17	7	3	9	78.08	cps
Holmium	165-1	11110814	11569201	11363627	11347880	2.02	cps
Holmium	165-2	2850707	2872911	2894890	2872836	0.77	cps
Indium	115-1	9940476	10083250	10030278	10018001	0.72	cps
Indium	115-2	484555	483121	484079	483918	0.15	cps
Iron	56-2	1828	1806	1972	1869	4.84	cps
Iron	57-2	44	61	61	56	17.31	cps
Krypton	83-1	447	370	473	430	12.48	cps
Lead	206-1	183	172	239	198	18.03	cps
Lead	207-1	150	206	178	178	15.63	cps
Lead	208-1	694	767	811	757	7.77	cps
Lithium	6-1	1930889	1958449	1963514	1950951	0.90	cps
Magnesium	24-2	183	200	125	169	23.24	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:30:09	DataFile Name :	003CALB_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	27	20	22	17.33	cps
Molybdenum	94-1	325	283	417	342	19.97	cps
Molybdenum	95-1	125	183	233	181	30.03	cps
Molybdenum	96-1	283	275	258	272	4.68	cps
Molybdenum	97-1	67	117	150	111	37.75	cps
Molybdenum	98-1	233	183	333	250	30.55	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	77	73	60	70	12.60	cps
Phosphorus	31-2	8	17	17	14	34.67	cps
Potassium	39-2	2500	3159	3100	2920	12.48	cps
Rhodium	103-1	9645333	9784184	9694450	9707989	0.73	cps
Rhodium	103-2	2900099	2886547	2866916	2884521	0.58	cps
Scandium	45-1	6392144	6546471	6486319	6474978	1.20	cps
Scandium	45-2	56831	56500	57571	56967	0.96	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	0	6	3	91.69	cps
Selenium	82-1	-48	30	-56	-25	-192.68	cps
Silicon	28-1	463693	463448	464116	463752	0.07	cps
Silver	109-1	58	42	50	50	16.67	cps
Silver	107-1	50	58	58	56	8.67	cps
Sodium	23-2	6377	6035	6293	6235	2.86	cps
Strontium	86-1	750	533	475	586	24.72	cps
Strontium	88-1	58	117	100	92	32.77	cps
Sulfur	34-1	438247	437801	437669	437906	0.07	cps
Terbium	159-1	11792999	11967552	11857300	11872617	0.74	cps
Terbium	159-2	2807153	2852985	2806142	2822093	0.95	cps
Thallium	203-1	100	100	117	106	9.11	cps
Thallium	205-1	208	292	233	244	17.49	cps
Tin	118-1	1125	1267	1367	1253	9.69	cps
Titanium	47-1	175	150	192	172	12.18	cps
Uranium	238-1	83	100	58	81	26.03	cps
Vanadium	51-2	7	7	13	9	43.25	cps
Yttrium	89-1	10898246	11107034	10967557	10990946	0.97	cps
Yttrium	89-2	367200	367929	368578	367902	0.19	cps
Zinc	66-2	40	43	43	42	4.55	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:30:09	DataFile Name :	003CALB_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	550	642	683	625	10.91	cps
Zirconium	91-1	133	142	167	147	11.78	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:37:35	DataFile Name :	005CAL5_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	175	200	197	10.63	cps
Antimony	121-1	16336	16110	16052	16166	0.93	cps
Arsenic	75-2	98	93	106	99	6.59	cps
Barium	135-1	16569	16670	16227	16489	1.41	cps
Barium	137-1	28474	28499	28214	28395	0.55	cps
Beryllium	9-1	1422	1317	1367	1369	3.86	cps
Bismuth	209-1	6779454	6776032	6801893	6785793	0.21	cps
Bismuth	209-2	2241554	2203335	2073903	2172931	4.04	cps
Boron	10-1	3784	3634	3751	3723	2.12	cps
Boron	11-1	16685	17411	17712	17269	3.05	cps
Cadmium	111-1	3477	3402	3385	3421	1.42	cps
Cadmium	106-1	2400	2450	2500	2450	2.04	cps
Cadmium	108-1	113	108	129	117	9.45	cps
Calcium	43-1	11155	11213	11213	11194	0.30	cps
Calcium	44-1	192286	195850	193122	193753	0.96	cps
Chromium	52-2	2770	2700	2754	2741	1.33	cps
Cobalt	59-2	1967	1937	2017	1974	2.05	cps
Copper	63-2	4774	4714	4804	4764	0.96	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	75	50	8	44	75.78	cps
Erbium	164-2	0	7	7	4	86.60	cps
Gadolinium	160-1	50	83	92	75	29.40	cps
Gadolinium	160-2	23	17	10	17	39.99	cps
Holmium	165-1	11330729	11518099	11339987	11396272	0.93	cps
Holmium	165-2	2919732	2862955	2688182	2823623	4.27	cps
Indium	115-1	10138679	10126644	10081171	10115498	0.30	cps
Indium	115-2	496851	492325	457778	482318	4.43	cps
Iron	56-2	34282	33296	33396	33658	1.61	cps
Iron	57-2	817	1033	939	930	11.69	cps
Krypton	83-1	450	383	407	413	8.18	cps
Lead	206-1	4662	4734	4757	4718	1.05	cps
Lead	207-1	4390	4329	4195	4305	2.31	cps
Lead	208-1	18951	19479	19045	19158	1.47	cps
Lithium	6-1	1909727	1953349	1916760	1926612	1.22	cps
Magnesium	24-2	16852	17103	17311	17089	1.34	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:37:35	DataFile Name :	005CALS_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	293	270	327	297	9.60	cps
Molybdenum	94-1	14734	14600	14166	14500	2.04	cps
Molybdenum	95-1	17378	17178	17712	17423	1.55	cps
Molybdenum	96-1	19765	20458	20199	20141	1.74	cps
Molybdenum	97-1	11347	11714	11047	11369	2.94	cps
Molybdenum	98-1	28297	28105	28063	28155	0.44	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	710	670	780	720	7.73	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	12289	12840	12156	12428	2.92	cps
Rhodium	103-1	9627702	9858495	9782365	9756187	1.21	cps
Rhodium	103-2	2874549	2865750	2686372	2808891	3.78	cps
Scandium	45-1	6558346	6542980	6555913	6552413	0.13	cps
Scandium	45-2	57702	57096	54677	56491	2.83	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	22	20	15	19	20.16	cps
Selenium	82-1	597	664	580	613	7.22	cps
Silicon	28-1	526327	527451	525701	526493	0.17	cps
Silver	109-1	8278	8837	8495	8536	3.30	cps
Silver	107-1	9546	9370	9053	9323	2.68	cps
Sodium	23-2	45749	44989	46318	45685	1.46	cps
Strontium	86-1	3017	3059	2842	2973	3.87	cps
Strontium	88-1	21601	20466	19581	20550	4.93	cps
Sulfur	34-1	433667	437585	435154	435468	0.45	cps
Terbium	159-1	11840896	12001022	11779857	11873925	0.96	cps
Terbium	159-2	2831225	2876505	2683079	2796936	3.62	cps
Thallium	203-1	5610	5635	5710	5652	0.92	cps
Thallium	205-1	13416	13550	13324	13430	0.84	cps
Tin	118-1	28481	28038	29216	28579	2.08	cps
Titanium	47-1	5026	5318	5093	5146	2.97	cps
Uranium	238-1	16562	16545	16186	16431	1.29	cps
Vanadium	51-2	3250	3264	3374	3296	2.05	cps
Yttrium	89-1	11082433	10979432	10969094	11010320	0.57	cps
Yttrium	89-2	373944	371098	347765	364269	3.94	cps
Zinc	66-2	340	347	373	353	4.99	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:37:35	DataFile Name :	005CALS_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12439	12114	11972	12175	1.97	cps
Zirconium	91-1	2659	2617	2550	2609	2.10	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:41:17	DataFile Name :	006CAL5_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8553	7936	8553	8347	4.27	cps
Antimony	121-1	476773	476041	479299	477371	0.36	cps
Arsenic	75-2	6376	6135	6064	6192	2.64	cps
Barium	135-1	496613	496552	504859	499341	0.96	cps
Barium	137-1	860116	847488	852275	853293	0.75	cps
Beryllium	9-1	76531	76157	75491	76060	0.69	cps
Bismuth	209-1	6818425	6927695	6815097	6853739	0.93	cps
Bismuth	209-2	2245406	2191314	2247486	2228069	1.43	cps
Boron	10-1	8428	9137	9262	8942	5.03	cps
Boron	11-1	40533	42439	42472	41815	2.65	cps
Cadmium	111-1	110204	109245	112026	110492	1.28	cps
Cadmium	106-1	12932	12923	13924	13260	4.34	cps
Cadmium	108-1	7869	7606	7723	7733	1.70	cps
Calcium	43-1	119684	121254	121413	120783	0.79	cps
Calcium	44-1	2005541	1985201	1998851	1996531	0.52	cps
Chromium	52-2	54693	55209	55249	55050	0.56	cps
Cobalt	59-2	113668	114210	114048	113976	0.24	cps
Copper	63-2	200430	199959	199040	199810	0.35	cps
Dysprosium	156-1	17	33	33	28	34.64	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	92	50	50	64	37.66	cps
Erbium	164-2	7	7	17	10	57.72	cps
Gadolinium	160-1	67	67	17	50	57.73	cps
Gadolinium	160-2	0	13	23	12	95.78	cps
Holmium	165-1	11442432	11454897	11514265	11470531	0.33	cps
Holmium	165-2	2936015	2883196	2890003	2903072	0.99	cps
Indium	115-1	10155060	10137328	10144338	10145576	0.09	cps
Indium	115-2	489155	491856	490009	490340	0.28	cps
Iron	56-2	1854654	1888842	1886797	1876764	1.02	cps
Iron	57-2	46222	46896	46288	46469	0.80	cps
Krypton	83-1	500	403	377	427	15.21	cps
Lead	206-1	261588	265901	261999	263163	0.90	cps
Lead	207-1	239664	239380	239519	239521	0.06	cps
Lead	208-1	1067680	1081157	1074673	1074503	0.63	cps
Lithium	6-1	1940687	1934696	1899338	1924907	1.16	cps
Magnesium	24-2	203511	203028	205665	204068	0.69	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:41:17	DataFile Name :	006CAL5_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30510	30316	31115	30647	1.36	cps
Molybdenum	94-1	849661	857525	855906	854364	0.49	cps
Molybdenum	95-1	1034456	1045695	1042597	1040916	0.56	cps
Molybdenum	96-1	1154499	1160240	1171384	1162041	0.74	cps
Molybdenum	97-1	645426	655532	654138	651699	0.84	cps
Molybdenum	98-1	1696168	1699258	1684680	1693369	0.45	cps
Neodymium	150-1	20	27	13	20	33.35	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	34319	33875	33845	34013	0.78	cps
Phosphorus	31-2	625	442	625	564	18.77	cps
Potassium	39-2	56899	58798	59074	58257	2.03	cps
Rhodium	103-1	9739659	9779031	9771410	9763367	0.21	cps
Rhodium	103-2	2859639	2802612	2818866	2827039	1.04	cps
Scandium	45-1	6586297	6598081	6532176	6572185	0.53	cps
Scandium	45-2	57886	57554	56671	57370	1.09	cps
Selenium	77-2	33	57	33	41	32.78	cps
Selenium	78-2	152	128	154	144	10.01	cps
Selenium	82-1	6938	6997	7124	7020	1.36	cps
Silicon	28-1	739765	739026	737169	738653	0.18	cps
Silver	109-1	504453	508231	502369	505018	0.59	cps
Silver	107-1	534965	540892	540081	538646	0.60	cps
Sodium	23-2	475999	477531	480321	477950	0.46	cps
Strontium	86-1	136165	139556	140729	138816	1.71	cps
Strontium	88-1	1179696	1186324	1192261	1186094	0.53	cps
Sulfur	34-1	473872	474774	474961	474536	0.12	cps
Terbium	159-1	11971970	12115883	11916399	12001417	0.86	cps
Terbium	159-2	2854684	2793635	2839767	2829362	1.12	cps
Thallium	203-1	329373	328320	327587	328427	0.27	cps
Thallium	205-1	780110	787633	768415	778719	1.24	cps
Tin	118-1	336558	337677	336094	336776	0.24	cps
Titanium	47-1	296103	296302	295987	296131	0.05	cps
Uranium	238-1	960783	975648	975928	970787	0.89	cps
Vanadium	51-2	39108	39472	39446	39342	0.52	cps
Yttrium	89-1	11005321	10953364	10946703	10968463	0.29	cps
Yttrium	89-2	371927	372048	368773	370916	0.50	cps
Zinc	66-2	17478	17852	17815	17715	1.16	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:41:17	DataFile Name :	006CALS_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	715453	722807	731615	723292	1.12	cps
Zirconium	91-1	158980	158774	159845	159199	0.36	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:44:57	DataFile Name :	007CAL5_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19840	19890	18997	19575	2.56	cps
Antimony	121-1	1185022	1192560	1200592	1192725	0.65	cps
Arsenic	75-2	15190	15268	15488	15315	1.01	cps
Barium	135-1	1229526	1237069	1239164	1235253	0.41	cps
Barium	137-1	2171442	2158529	2194504	2174825	0.84	cps
Beryllium	9-1	187302	186497	188564	187455	0.56	cps
Bismuth	209-1	6876851	6886454	6908513	6890606	0.24	cps
Bismuth	209-2	2228765	2214347	2256764	2233292	0.97	cps
Boron	10-1	21166	21509	21400	21358	0.82	cps
Boron	11-1	99786	101173	103371	101443	1.78	cps
Cadmium	111-1	274721	269653	271128	271834	0.96	cps
Cadmium	106-1	30243	30034	29734	30004	0.85	cps
Cadmium	108-1	19548	18997	18838	19128	1.95	cps
Calcium	43-1	301624	298852	306382	302286	1.26	cps
Calcium	44-1	4850030	4900454	4849342	4866609	0.60	cps
Chromium	52-2	135418	134637	132567	134207	1.10	cps
Cobalt	59-2	279689	278576	278124	278796	0.29	cps
Copper	63-2	487982	490476	489572	489343	0.26	cps
Dysprosium	156-1	108	33	75	72	52.03	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	50	58	42	50	16.67	cps
Erbium	164-2	7	17	7	10	57.72	cps
Gadolinium	160-1	100	92	92	94	5.09	cps
Gadolinium	160-2	10	7	3	7	50.03	cps
Holmium	165-1	11629366	11764792	11702295	11698818	0.58	cps
Holmium	165-2	2946164	2933526	2921403	2933697	0.42	cps
Indium	115-1	10155352	10124406	10102228	10127329	0.26	cps
Indium	115-2	489426	494400	489454	491093	0.58	cps
Iron	56-2	4584036	4604355	4569949	4586114	0.38	cps
Iron	57-2	114415	114904	114881	114734	0.24	cps
Krypton	83-1	410	380	367	386	5.76	cps
Lead	206-1	652052	656844	650368	653088	0.51	cps
Lead	207-1	596060	586725	598637	593808	1.06	cps
Lead	208-1	2671284	2666155	2674741	2670727	0.16	cps
Lithium	6-1	1929415	1904783	1933477	1922559	0.81	cps
Magnesium	24-2	503776	501713	500751	502080	0.31	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:44:57	DataFile Name :	007CAL5_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	75462	75590	75148	75400	0.30	cps
Molybdenum	94-1	2157291	2152151	2127717	2145720	0.74	cps
Molybdenum	95-1	2657261	2626556	2624441	2636086	0.70	cps
Molybdenum	96-1	2931016	2907752	2929339	2922702	0.44	cps
Molybdenum	97-1	1641540	1616351	1669636	1642509	1.62	cps
Molybdenum	98-1	4212704	4156925	4129809	4166479	1.01	cps
Neodymium	150-1	67	127	73	89	36.99	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	83988	84646	83233	83956	0.84	cps
Phosphorus	31-2	1283	1425	1225	1311	7.84	cps
Potassium	39-2	141430	140258	139494	140394	0.69	cps
Rhodium	103-1	9872804	9750613	9740357	9787925	0.75	cps
Rhodium	103-2	2819890	2823100	2856994	2833328	0.73	cps
Scandium	45-1	6598022	6620416	6672460	6630299	0.58	cps
Scandium	45-2	57651	57554	58019	57742	0.42	cps
Selenium	77-2	103	93	133	110	18.92	cps
Selenium	78-2	374	309	406	363	13.53	cps
Selenium	82-1	17073	17534	17285	17297	1.34	cps
Silicon	28-1	969062	967527	961567	966052	0.41	cps
Silver	109-1	1252754	1247488	1262930	1254391	0.63	cps
Silver	107-1	1328176	1332494	1319204	1326624	0.51	cps
Sodium	23-2	1200810	1205346	1187466	1197874	0.78	cps
Strontium	86-1	342463	340955	340723	341380	0.28	cps
Strontium	88-1	3002255	2938506	2951384	2964049	1.14	cps
Sulfur	34-1	531680	533410	536518	533869	0.46	cps
Terbium	159-1	12217163	12318543	12166019	12233909	0.63	cps
Terbium	159-2	2886564	2849959	2870784	2869102	0.64	cps
Thallium	203-1	813833	813883	815627	814447	0.13	cps
Thallium	205-1	1979109	2000170	1961460	1980246	0.98	cps
Tin	118-1	828623	839975	831119	833239	0.72	cps
Titanium	47-1	737066	733945	741218	737410	0.49	cps
Uranium	238-1	2470812	2487996	2487621	2482143	0.40	cps
Vanadium	51-2	97235	96610	96086	96644	0.59	cps
Yttrium	89-1	11150903	11180995	11197201	11176366	0.21	cps
Yttrium	89-2	373310	371948	374186	373148	0.30	cps
Zinc	66-2	44026	44398	43568	43998	0.94	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:44:57	DataFile Name :	007CALS_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1830634	1828038	1856482	1838385	0.86	cps
Zirconium	91-1	392812	399604	403399	398605	1.35	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:48:31	DataFile Name :	008CAL5_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40701	42013	40785	41166	1.78	cps
Antimony	121-1	2401270	2439719	2408078	2416356	0.85	cps
Arsenic	75-2	31553	31271	30825	31216	1.18	cps
Barium	135-1	2476009	2497004	2481513	2484842	0.44	cps
Barium	137-1	4242862	4235879	4263693	4247478	0.34	cps
Beryllium	9-1	369825	368472	372648	370315	0.58	cps
Bismuth	209-1	6857170	6917699	7048065	6940978	1.41	cps
Bismuth	209-2	2306605	2320401	2298002	2308336	0.49	cps
Boron	10-1	42898	43032	44863	43598	2.52	cps
Boron	11-1	198470	201394	208764	202876	2.61	cps
Cadmium	111-1	536529	538368	539668	538189	0.29	cps
Cadmium	106-1	58227	58989	57373	58196	1.39	cps
Cadmium	108-1	38714	38175	38986	38625	1.07	cps
Calcium	43-1	600417	603343	600242	601334	0.29	cps
Calcium	44-1	9612481	9612108	9666495	9630361	0.32	cps
Chromium	52-2	274747	275232	273007	274329	0.43	cps
Cobalt	59-2	571647	568297	569890	569945	0.29	cps
Copper	63-2	992209	992823	988966	991333	0.21	cps
Dysprosium	156-1	50	50	25	42	34.64	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	58	25	67	50	44.10	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	92	83	67	81	15.80	cps
Gadolinium	160-2	27	17	10	18	47.19	cps
Holmium	165-1	11776006	11913244	11805220	11831490	0.61	cps
Holmium	165-2	3021220	3020166	3039331	3026906	0.36	cps
Indium	115-1	10228054	10298544	10393244	10306614	0.80	cps
Indium	115-2	508869	510253	506066	508396	0.42	cps
Iron	56-2	9300276	9278569	9181983	9253609	0.68	cps
Iron	57-2	233818	234547	234849	234405	0.23	cps
Krypton	83-1	487	397	467	450	10.50	cps
Lead	206-1	1299559	1302058	1312738	1304785	0.54	cps
Lead	207-1	1178052	1173230	1201320	1184201	1.27	cps
Lead	208-1	5380422	5375643	5446262	5400776	0.73	cps
Lithium	6-1	1961746	1945060	1969502	1958769	0.64	cps
Magnesium	24-2	1022668	1024752	1014519	1020646	0.53	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:48:31	DataFile Name :	008CAL5_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	154354	154035	153627	154005	0.24	cps
Molybdenum	94-1	4207729	4193893	4246168	4215930	0.64	cps
Molybdenum	95-1	5183626	5243963	5154417	5194002	0.88	cps
Molybdenum	96-1	5792979	5834052	5771717	5799583	0.55	cps
Molybdenum	97-1	3221122	3303538	3274164	3266275	1.28	cps
Molybdenum	98-1	8268319	8364773	8262313	8298468	0.69	cps
Neodymium	150-1	93	87	113	98	14.19	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	168182	170395	168617	169065	0.69	cps
Phosphorus	31-2	2859	2817	2600	2759	5.03	cps
Potassium	39-2	284402	283254	282407	283354	0.35	cps
Rhodium	103-1	9889993	9875916	9837221	9867710	0.28	cps
Rhodium	103-2	2933954	2918767	2922852	2925191	0.27	cps
Scandium	45-1	6657871	6721479	6689379	6689576	0.48	cps
Scandium	45-2	59495	59204	59395	59365	0.25	cps
Selenium	77-2	230	220	173	208	14.56	cps
Selenium	78-2	835	754	733	774	6.96	cps
Selenium	82-1	34486	34325	34225	34345	0.38	cps
Silicon	28-1	1477538	1449869	1462312	1463240	0.95	cps
Silver	109-1	2550879	2537435	2521263	2536526	0.58	cps
Silver	107-1	2682349	2697883	2734476	2704902	0.99	cps
Sodium	23-2	2411795	2404440	2418862	2411699	0.30	cps
Strontium	86-1	678910	690669	684576	684718	0.86	cps
Strontium	88-1	5914212	5849770	5906352	5890111	0.60	cps
Sulfur	34-1	628213	628094	624901	627069	0.30	cps
Terbium	159-1	12389055	12224567	12381418	12331680	0.75	cps
Terbium	159-2	3009834	2984848	2951928	2982203	0.97	cps
Thallium	203-1	1610790	1631100	1672699	1638196	1.93	cps
Thallium	205-1	3856469	3895850	3924759	3892359	0.88	cps
Tin	118-1	1686807	1689762	1689840	1688803	0.10	cps
Titanium	47-1	1485760	1502147	1489352	1492420	0.58	cps
Uranium	238-1	4905221	4868443	4901036	4891567	0.41	cps
Vanadium	51-2	199607	198309	196785	198234	0.71	cps
Yttrium	89-1	11322900	11230077	11372062	11308346	0.64	cps
Yttrium	89-2	392548	389825	384700	389024	1.02	cps
Zinc	66-2	89617	88668	87930	88738	0.95	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:48:31	DataFile Name :	008CALS_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3665813	3649513	3655959	3657095	0.22	cps
Zirconium	91-1	797249	794059	799724	797011	0.36	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:51:59	DataFile Name :	009CAL5_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75660	76683	75551	75965	0.82	cps
Antimony	121-1	4700155	4703387	4775849	4726464	0.91	cps
Arsenic	75-2	58791	59466	59148	59135	0.57	cps
Barium	135-1	4910167	4894503	4833688	4879453	0.83	cps
Barium	137-1	8279570	8269646	8217632	8255616	0.40	cps
Beryllium	9-1	710861	712900	713087	712283	0.17	cps
Bismuth	209-1	7333980	6584756	7200358	7039698	5.68	cps
Bismuth	209-2	2340540	2386532	2322902	2349991	1.40	cps
Boron	10-1	82060	85521	85489	84357	2.36	cps
Boron	11-1	387062	394958	402379	394800	1.94	cps
Cadmium	111-1	1055672	1056961	1064705	1059113	0.46	cps
Cadmium	106-1	111652	111980	109618	111084	1.15	cps
Cadmium	108-1	75652	76910	74655	75739	1.49	cps
Calcium	43-1	1170852	1194520	1174924	1180098	1.07	cps
Calcium	44-1	18863093	19174071	18864909	18967358	0.94	cps
Chromium	52-2	513261	511828	515335	513475	0.34	cps
Cobalt	59-2	1073928	1070608	1067506	1070681	0.30	cps
Copper	63-2	1886950	1923571	1917060	1909194	1.02	cps
Dysprosium	156-1	67	50	58	58	14.29	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	58	42	83	61	34.32	cps
Erbium	164-2	13	10	20	14	35.26	cps
Gadolinium	160-1	100	17	50	56	75.49	cps
Gadolinium	160-2	10	30	23	21	48.24	cps
Holmium	165-1	12382760	11170874	12386785	11980140	5.85	cps
Holmium	165-2	3163842	3144924	3126353	3145040	0.60	cps
Indium	115-1	10577728	9599157	10695818	10290901	5.85	cps
Indium	115-2	510289	512358	508443	510363	0.38	cps
Iron	56-2	17562996	17466058	17400616	17476557	0.47	cps
Iron	57-2	438878	436344	437748	437657	0.29	cps
Krypton	83-1	403	403	467	424	8.61	cps
Lead	206-1	2606979	2586742	2630786	2608169	0.85	cps
Lead	207-1	2409900	2401193	2395328	2402141	0.31	cps
Lead	208-1	10651904	10766440	10782720	10733688	0.66	cps
Lithium	6-1	2001166	1840503	2001261	1947643	4.76	cps
Magnesium	24-2	1946771	1946558	1950263	1947864	0.11	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:51:59	DataFile Name :	009CAL5_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	291653	288031	288242	289309	0.70	cps
Molybdenum	94-1	8378730	8473233	8377079	8409681	0.65	cps
Molybdenum	95-1	10195321	10303481	10164942	10221248	0.71	cps
Molybdenum	96-1	11539804	11582890	11392985	11505226	0.87	cps
Molybdenum	97-1	6374254	6516229	6367441	6419308	1.31	cps
Molybdenum	98-1	16413959	16608781	16335572	16452771	0.86	cps
Neodymium	150-1	213	180	180	191	10.07	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	319706	318100	318870	318892	0.25	cps
Phosphorus	31-2	4993	5118	5510	5207	5.18	cps
Potassium	39-2	528652	527664	525802	527373	0.27	cps
Rhodium	103-1	10207045	9206715	9972823	9795528	5.34	cps
Rhodium	103-2	2967198	2939362	2940076	2948878	0.54	cps
Scandium	45-1	6907868	6294369	6826225	6676154	4.99	cps
Scandium	45-2	59743	59964	59284	59664	0.58	cps
Selenium	77-2	470	383	460	438	10.83	cps
Selenium	78-2	1432	1389	1374	1398	2.13	cps
Selenium	82-1	67562	68367	68337	68089	0.67	cps
Silicon	28-1	2290936	2305572	2319111	2305207	0.61	cps
Silver	109-1	4893497	5010326	4950586	4951469	1.18	cps
Silver	107-1	5270618	5300684	5171248	5247517	1.29	cps
Sodium	23-2	4432572	4451175	4442695	4442147	0.21	cps
Strontium	86-1	1333891	1342976	1346718	1341195	0.49	cps
Strontium	88-1	11459549	11650736	11498094	11536126	0.88	cps
Sulfur	34-1	813725	814902	814098	814241	0.07	cps
Terbium	159-1	13091299	11726821	12817286	12545135	5.75	cps
Terbium	159-2	3083475	3062938	3006326	3050913	1.31	cps
Thallium	203-1	3238826	3284658	3296888	3273457	0.94	cps
Thallium	205-1	7655604	7721395	7747805	7708268	0.62	cps
Tin	118-1	3300189	3316605	3289354	3302049	0.42	cps
Titanium	47-1	2933294	2904153	2893834	2910427	0.70	cps
Uranium	238-1	9710365	9720679	9664840	9698628	0.31	cps
Vanadium	51-2	373309	373607	373401	373439	0.04	cps
Yttrium	89-1	11694091	10601937	11654613	11316880	5.47	cps
Yttrium	89-2	395030	390313	390407	391917	0.69	cps
Zinc	66-2	164859	166300	167167	166109	0.70	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:51:59	DataFile Name :	009CALS_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7193496	7175280	7184030	7184269	0.13	cps
Zirconium	91-1	1607381	1600833	1596265	1601493	0.35	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:55:23	DataFile Name :	010CAL5_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	163659	163903	164982	164181	0.43	cps
Antimony	121-1	10269241	10332619	10168671	10256844	0.81	cps
Arsenic	75-2	128068	127603	128692	128121	0.43	cps
Barium	135-1	10466711	10475086	10502338	10481378	0.18	cps
Barium	137-1	18082785	18121710	18047089	18083862	0.21	cps
Beryllium	9-1	1528161	1499526	1490979	1506222	1.29	cps
Bismuth	209-1	7367305	7254304	7303305	7308305	0.78	cps
Bismuth	209-2	2320949	2315468	2210718	2282378	2.72	cps
Boron	10-1	177451	180092	185651	181065	2.31	cps
Boron	11-1	829789	855876	865122	850262	2.16	cps
Cadmium	111-1	2287694	2289191	2291079	2289321	0.07	cps
Cadmium	106-1	235086	237289	235909	236094	0.47	cps
Cadmium	108-1	161467	161871	161521	161620	0.14	cps
Calcium	43-1	2582457	2580464	2578616	2580512	0.07	cps
Calcium	44-1	40372843	40568085	40821816	40587581	0.55	cps
Chromium	52-2	1100813	1101588	1107895	1103432	0.35	cps
Cobalt	59-2	2339030	2330993	2333531	2334518	0.18	cps
Copper	63-2	4006644	3977464	4025616	4003241	0.61	cps
Dysprosium	156-1	125	92	100	106	16.44	cps
Dysprosium	156-2	13	23	17	18	28.64	cps
Erbium	164-1	50	58	83	64	27.15	cps
Erbium	164-2	20	7	17	14	48.02	cps
Gadolinium	160-1	158	108	117	128	20.96	cps
Gadolinium	160-2	13	17	13	14	13.35	cps
Holmium	165-1	12648068	12763616	12857206	12756297	0.82	cps
Holmium	165-2	3151282	3091555	3004130	3082323	2.40	cps
Indium	115-1	10593077	10655367	10543728	10597391	0.53	cps
Indium	115-2	501256	498490	479248	492998	2.43	cps
Iron	56-2	37242731	37328209	37509141	37360027	0.36	cps
Iron	57-2	943720	942451	946731	944301	0.23	cps
Krypton	83-1	403	540	473	472	14.47	cps
Lead	206-1	5661857	5592551	5666962	5640457	0.74	cps
Lead	207-1	5137321	5144231	5176893	5152815	0.41	cps
Lead	208-1	23089432	22955419	23036622	23027158	0.29	cps
Lithium	6-1	1990814	1988250	1985585	1988216	0.13	cps
Magnesium	24-2	4070936	4106255	4108092	4095094	0.51	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:55:23	DataFile Name :	010CAL5_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	622638	620237	617959	620278	0.38	cps
Molybdenum	94-1	18054911	18059079	18285872	18133287	0.73	cps
Molybdenum	95-1	22113767	22120565	22356649	22196994	0.62	cps
Molybdenum	96-1	24568810	24950572	24822953	24780778	0.78	cps
Molybdenum	97-1	13844504	13900459	14034633	13926532	0.70	cps
Molybdenum	98-1	35637627	35645635	35687905	35657056	0.08	cps
Neodymium	150-1	360	340	407	369	9.27	cps
Neodymium	150-2	13	17	0	10	88.20	cps
Nickel	60-2	672034	672083	670250	671456	0.16	cps
Phosphorus	31-2	11430	11981	11814	11741	2.40	cps
Potassium	39-2	1132864	1137951	1119695	1130170	0.83	cps
Rhodium	103-1	10020778	10063940	10101597	10062105	0.40	cps
Rhodium	103-2	2917274	2868651	2759440	2848455	2.84	cps
Scandium	45-1	6894386	6903146	6945264	6914265	0.39	cps
Scandium	45-2	59485	60848	57043	59125	3.26	cps
Selenium	77-2	910	923	867	900	3.29	cps
Selenium	78-2	3008	3073	3182	3087	2.85	cps
Selenium	82-1	144893	145612	146617	145707	0.59	cps
Silicon	28-1	4200518	4224821	4230428	4218589	0.38	cps
Silver	109-1	10504335	10471206	10457685	10477742	0.23	cps
Silver	107-1	11117450	11182996	11064727	11121724	0.53	cps
Sodium	23-2	9457628	9416685	9503832	9459382	0.46	cps
Strontium	86-1	2961652	2955878	2954829	2957453	0.12	cps
Strontium	88-1	25070049	24882004	25117166	25023073	0.50	cps
Sulfur	34-1	1045757	1034879	1032729	1037789	0.67	cps
Terbium	159-1	13100120	13335773	13153820	13196571	0.94	cps
Terbium	159-2	3087061	3105430	2943330	3045273	2.91	cps
Thallium	203-1	7081614	7147242	7105048	7111301	0.47	cps
Thallium	205-1	16838333	16601380	16779779	16739831	0.74	cps
Tin	118-1	7093586	7183402	7077128	7118039	0.80	cps
Titanium	47-1	6142647	6180072	6181237	6167985	0.36	cps
Uranium	238-1	21488397	21279098	21498337	21421944	0.58	cps
Vanadium	51-2	811854	804677	815510	810681	0.68	cps
Yttrium	89-1	11772988	11773563	11998865	11848472	1.10	cps
Yttrium	89-2	390087	390146	374024	384752	2.41	cps
Zinc	66-2	353993	350229	355459	353227	0.76	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:55:23	DataFile Name :	010CALS_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	15447230	15529201	15595744	15524059	0.48	cps
Zirconium	91-1	3471625	3512837	3470188	3484883	0.69	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:58:42	DataFile Name :	011CAL5_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	811882	811280	815117	812760	0.25	cps
Antimony	121-1	32190	34111	36300	34200	6.01	cps
Arsenic	75-2	128	98	106	110	13.95	cps
Barium	135-1	3159	3142	2700	3000	8.67	cps
Barium	137-1	5476	5160	4884	5173	5.73	cps
Beryllium	9-1	372	317	367	352	8.70	cps
Bismuth	209-1	6745202	6640746	6556601	6647516	1.42	cps
Bismuth	209-2	2239614	2230626	2236251	2235497	0.20	cps
Boron	10-1	7394	6719	6302	6805	8.10	cps
Boron	11-1	34509	31243	27895	31216	10.60	cps
Cadmium	111-1	1957	2006	2175	2046	5.59	cps
Cadmium	106-1	2267	2325	2500	2364	5.14	cps
Cadmium	108-1	54	38	42	44	19.52	cps
Calcium	43-1	12298953	12070420	12123590	12164321	0.98	cps
Calcium	44-1	196334188	193824384	196150846	195436472	0.72	cps
Chromium	52-2	44588	43464	44103	44052	1.28	cps
Cobalt	59-2	3307	3644	3557	3503	4.99	cps
Copper	63-2	6418	6535	6372	6442	1.31	cps
Dysprosium	156-1	125	75	108	103	24.77	cps
Dysprosium	156-2	10	13	7	10	33.30	cps
Erbium	164-1	50	92	67	69	30.20	cps
Erbium	164-2	10	7	13	10	33.30	cps
Gadolinium	160-1	192	158	100	150	30.94	cps
Gadolinium	160-2	30	20	43	31	37.62	cps
Holmium	165-1	12344579	12234364	12052003	12210315	1.21	cps
Holmium	165-2	3223658	3233392	3181650	3212900	0.86	cps
Indium	115-1	10285475	10287440	10110512	10227809	0.99	cps
Indium	115-2	525399	520719	522390	522836	0.45	cps
Iron	56-2	179846726	178831776	179406848	179361784	0.28	cps
Iron	57-2	4539887	4530958	4534003	4534949	0.10	cps
Krypton	83-1	497	457	520	491	6.52	cps
Lead	206-1	9843	9832	9615	9763	1.32	cps
Lead	207-1	8436	8637	8075	8383	3.39	cps
Lead	208-1	39837	39002	37328	38722	3.30	cps
Lithium	6-1	1901857	1953692	1978095	1944548	2.00	cps
Magnesium	24-2	18902484	18881347	19039512	18941114	0.45	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:58:42	DataFile Name :	011CAL5_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2527	2564	2417	2502	3.05	cps
Molybdenum	94-1	22219	23663	23863	23248	3.86	cps
Molybdenum	95-1	35932	37503	39040	37492	4.15	cps
Molybdenum	96-1	40955	42276	44165	42465	3.80	cps
Molybdenum	97-1	22269	22553	24105	22976	4.30	cps
Molybdenum	98-1	57222	58878	63199	59766	5.16	cps
Neodymium	150-1	153	87	87	109	35.35	cps
Neodymium	150-2	23	13	10	16	44.60	cps
Nickel	60-2	16437	16917	16620	16658	1.46	cps
Phosphorus	31-2	42	25	17	28	45.82	cps
Potassium	39-2	5541834	5524945	5523880	5530220	0.18	cps
Rhodium	103-1	9563584	9578254	9594458	9578765	0.16	cps
Rhodium	103-2	2833862	2888521	2833051	2851811	1.11	cps
Scandium	45-1	6964203	6925320	6889495	6926339	0.54	cps
Scandium	45-2	61718	61511	61306	61512	0.33	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	2	6	0	2	114.63	cps
Selenium	82-1	105	175	145	142	25.09	cps
Silicon	28-1	550774	549231	549621	549875	0.15	cps
Silver	109-1	1125	1117	1125	1122	0.43	cps
Silver	107-1	1325	1142	1050	1172	11.95	cps
Sodium	23-2	44695761	44490308	44657454	44614508	0.24	cps
Strontium	86-1	92722	92421	92412	92518	0.19	cps
Strontium	88-1	788068	787138	785598	786935	0.16	cps
Sulfur	34-1	418379	420621	422147	420382	0.45	cps
Terbium	159-1	12902562	12851562	12438295	12730806	2.00	cps
Terbium	159-2	3122924	3150998	3138505	3137475	0.45	cps
Thallium	203-1	3534	3392	3217	3381	4.69	cps
Thallium	205-1	8395	7911	7603	7970	5.01	cps
Tin	118-1	13165	12123	12882	12723	4.24	cps
Titanium	47-1	2084	1992	2059	2045	2.32	cps
Uranium	238-1	2459	2234	2275	2323	5.15	cps
Vanadium	51-2	393	333	363	363	8.26	cps
Yttrium	89-1	11633254	11661819	11641827	11645633	0.13	cps
Yttrium	89-2	411415	409660	408992	410023	0.31	cps
Zinc	66-2	1090	1110	1007	1069	5.13	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 14:58:42	DataFile Name :	011CALS_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5360	4418	5243	5007	10.26	cps
Zirconium	91-1	1175	1008	1308	1164	12.91	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 15:43:33	DataFile Name :	016ICV01_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4584	3959	4184	4243	7.46	cps
Antimony	121-1	1842897	1861215	1850911	1851674	0.50	cps
Arsenic	75-2	25138	25217	25576	25310	0.92	cps
Barium	135-1	190189	189775	185121	188362	1.49	cps
Barium	137-1	330143	327414	328515	328691	0.42	cps
Beryllium	9-1	146268	145746	146431	146149	0.24	cps
Bismuth	209-1	6572859	6631618	6605043	6603174	0.45	cps
Bismuth	209-2	2257910	2216555	2182981	2219149	1.69	cps
Boron	10-1	79680	80593	79537	79937	0.72	cps
Boron	11-1	367052	375095	378437	373528	1.57	cps
Cadmium	111-1	214552	215982	215015	215183	0.34	cps
Cadmium	106-1	31830	30920	32081	31610	1.93	cps
Cadmium	108-1	17695	17950	17754	17800	0.75	cps
Calcium	43-1	54465	54256	54674	54465	0.38	cps
Calcium	44-1	853834	856177	866169	858727	0.76	cps
Chromium	52-2	110455	110166	108507	109709	0.96	cps
Cobalt	59-2	230792	228166	230097	229685	0.59	cps
Copper	63-2	202938	203257	202124	202773	0.29	cps
Dysprosium	156-1	33	17	8	19	65.47	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	142	58	83	94	45.28	cps
Erbium	164-2	23	27	7	19	56.72	cps
Gadolinium	160-1	58	17	25	33	66.14	cps
Gadolinium	160-2	23	13	3	13	75.02	cps
Holmium	165-1	11234400	11221274	11400338	11285337	0.88	cps
Holmium	165-2	2988060	2956862	2893839	2946254	1.63	cps
Indium	115-1	10018014	10156692	10174310	10116339	0.85	cps
Indium	115-2	509678	511092	495681	505484	1.69	cps
Iron	56-2	768012	760054	759978	762682	0.61	cps
Iron	57-2	19703	19547	18796	19349	2.51	cps
Krypton	83-1	443	453	533	477	10.35	cps
Lead	206-1	999677	1000998	992043	997573	0.48	cps
Lead	207-1	863224	868714	869337	867092	0.39	cps
Lead	208-1	4045483	4039745	4071698	4052309	0.42	cps
Lithium	6-1	1935242	1944971	1969800	1950004	0.91	cps
Magnesium	24-2	51276	48701	49362	49780	2.69	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 15:43:33	DataFile Name :	016ICV01_P8050818-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	31653	31288	31953	31632	1.05	cps
Molybdenum	94-1	3000516	2992431	3010349	3001098	0.30	cps
Molybdenum	95-1	1656859	1672600	1671326	1666928	0.52	cps
Molybdenum	96-1	2137775	2125832	2142491	2135366	0.40	cps
Molybdenum	97-1	1020077	1029658	1023296	1024344	0.48	cps
Molybdenum	98-1	2630051	2675166	2632687	2645968	0.96	cps
Neodymium	150-1	20	13	20	18	21.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70494	69201	68836	69510	1.25	cps
Phosphorus	31-2	33	25	17	25	33.32	cps
Potassium	39-2	50525	49053	50642	50074	1.77	cps
Rhodium	103-1	9779475	9829897	9759779	9789717	0.37	cps
Rhodium	103-2	2937591	2950837	2862722	2917050	1.63	cps
Scandium	45-1	6707947	6749279	6710430	6722552	0.34	cps
Scandium	45-2	62508	62328	61093	61976	1.24	cps
Selenium	77-2	210	203	217	210	3.17	cps
Selenium	78-2	713	615	559	629	12.37	cps
Selenium	82-1	27030	27083	27055	27056	0.10	cps
Silicon	28-1	1976665	1956282	1968762	1967236	0.52	cps
Silver	109-1	972461	985649	977289	978467	0.68	cps
Silver	107-1	1036983	1034884	1048255	1040041	0.69	cps
Sodium	23-2	202555	203310	203453	203106	0.24	cps
Strontium	86-1	1060162	1058962	1076274	1065133	0.91	cps
Strontium	88-1	9155343	9154340	9306711	9205465	0.95	cps
Sulfur	34-1	418702	418020	419259	418661	0.15	cps
Terbium	159-1	11820752	11829330	11737301	11795795	0.43	cps
Terbium	159-2	2926355	2880732	2826168	2877752	1.74	cps
Thallium	203-1	1257763	1269426	1270238	1265809	0.55	cps
Thallium	205-1	3028323	3124148	3051321	3067931	1.63	cps
Tin	118-1	2618632	2621266	2670221	2636707	1.10	cps
Titanium	47-1	477345	480723	482819	480296	0.57	cps
Uranium	238-1	7940724	8026984	8055995	8007901	0.75	cps
Vanadium	51-2	80147	79816	78599	79521	1.03	cps
Yttrium	89-1	11215309	11040081	11094526	11116639	0.81	cps
Yttrium	89-2	391857	393761	382993	389537	1.48	cps
Zinc	66-2	36171	36271	36274	36239	0.16	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 15:43:33	DataFile Name :	016ICV01_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5719473	5717914	5722221	5719869	0.04	cps
Zirconium	91-1	1259546	1252945	1270732	1261075	0.71	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 15:55:41	DataFile Name :	018CCBE_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	8	17	25	88.19	cps
Antimony	121-1	2734	3567	3876	3392	17.42	cps
Arsenic	75-2	2	19	20	14	75.11	cps
Barium	135-1	50	25	33	36	35.25	cps
Barium	137-1	50	67	92	69	30.20	cps
Beryllium	9-1	94	67	94	85	18.83	cps
Bismuth	209-1	6597366	6559524	6401550	6519480	1.59	cps
Bismuth	209-2	2202589	2181866	2195617	2193357	0.48	cps
Boron	10-1	1492	1650	1650	1597	5.72	cps
Boron	11-1	7936	7135	7461	7511	5.36	cps
Cadmium	111-1	1291	1317	1354	1321	2.43	cps
Cadmium	106-1	1800	1842	1925	1856	3.43	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Calcium	43-1	975	942	842	920	7.55	cps
Calcium	44-1	30175	30576	31578	30777	2.35	cps
Chromium	52-2	807	817	803	809	0.86	cps
Cobalt	59-2	90	77	67	78	15.05	cps
Copper	63-2	1357	1203	1170	1243	8.01	cps
Dysprosium	156-1	8	33	8	17	86.62	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	8	33	28	62.46	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	67	92	50	69	30.20	cps
Gadolinium	160-2	13	13	23	17	34.65	cps
Holmium	165-1	11292549	10923499	10905342	11040464	1.98	cps
Holmium	165-2	2882568	2908226	2891641	2894145	0.45	cps
Indium	115-1	10110769	10019463	9860445	9996892	1.27	cps
Indium	115-2	506601	504918	508427	506648	0.35	cps
Iron	56-2	1850	1861	1928	1880	2.24	cps
Iron	57-2	56	72	56	61	15.74	cps
Krypton	83-1	457	497	490	481	4.45	cps
Lead	206-1	367	317	411	365	12.95	cps
Lead	207-1	233	289	306	276	13.71	cps
Lead	208-1	1222	1289	1317	1276	3.80	cps
Lithium	6-1	1947389	1927054	1888345	1920930	1.56	cps
Magnesium	24-2	183	225	167	192	15.68	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 15:55:41	DataFile Name :	018CCBE_P8050818-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	47	43	37	39.63	cps
Molybdenum	94-1	792	933	908	878	8.61	cps
Molybdenum	95-1	717	758	1033	836	20.58	cps
Molybdenum	96-1	875	1200	1075	1050	15.61	cps
Molybdenum	97-1	483	650	625	586	15.34	cps
Molybdenum	98-1	892	1242	1617	1250	29.01	cps
Neodymium	150-1	20	0	20	13	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	157	100	107	121	25.57	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	3159	3326	3359	3281	3.27	cps
Rhodium	103-1	9882055	9689586	9556038	9709226	1.69	cps
Rhodium	103-2	2910267	2909670	2918127	2912688	0.16	cps
Scandium	45-1	6748578	6753849	6783051	6761826	0.27	cps
Scandium	45-2	61497	61353	60875	61242	0.53	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	7	0	3	124.95	cps
Selenium	82-1	-2	-41	-51	-31	-81.50	cps
Silicon	28-1	433438	426410	425161	428337	1.04	cps
Silver	109-1	58	117	158	111	45.21	cps
Silver	107-1	92	108	100	100	8.33	cps
Sodium	23-2	9187	8294	8670	8717	5.14	cps
Strontium	86-1	600	725	742	689	11.24	cps
Strontium	88-1	367	375	383	375	2.22	cps
Sulfur	34-1	424252	427433	427023	426236	0.41	cps
Terbium	159-1	11531432	11504582	11389644	11475220	0.66	cps
Terbium	159-2	2861578	2838561	2829985	2843375	0.57	cps
Thallium	203-1	558	383	592	511	21.90	cps
Thallium	205-1	1292	1300	1208	1267	4.00	cps
Tin	118-1	1759	2075	2000	1945	8.51	cps
Titanium	47-1	267	192	292	250	20.82	cps
Uranium	238-1	292	225	267	261	12.90	cps
Vanadium	51-2	0	23	3	9	142.00	cps
Yttrium	89-1	11257156	10979997	10899415	11045522	1.70	cps
Yttrium	89-2	389696	391523	387530	389583	0.51	cps
Zinc	66-2	97	70	83	83	16.00	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 15:55:41	DataFile Name :	018CCBE_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1192	1158	1267	1206	4.60	cps
Zirconium	91-1	308	242	225	258	17.07	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 15:59:02	DataFile Name :	019ICSA01_P8050818-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	712792	706853	716782	712142	0.70	cps
Antimony	121-1	10446	11664	12206	11439	7.88	cps
Arsenic	75-2	46	48	31	42	21.77	cps
Barium	135-1	2600	2509	2550	2553	1.80	cps
Barium	137-1	4651	3909	4434	4331	8.81	cps
Beryllium	9-1	422	389	406	406	4.11	cps
Bismuth	209-1	6083784	5893435	5867669	5948296	1.98	cps
Bismuth	209-2	2050161	2022364	2036742	2036422	0.68	cps
Boron	10-1	1567	1717	1759	1681	6.00	cps
Boron	11-1	8119	8044	7811	7991	2.01	cps
Cadmium	111-1	2021	1849	2032	1967	5.22	cps
Cadmium	106-1	2184	1925	1942	2017	7.17	cps
Cadmium	108-1	1058	1129	992	1060	6.49	cps
Calcium	43-1	2209972	2220638	2220630	2217080	0.28	cps
Calcium	44-1	35186876	35605383	35139671	35310643	0.73	cps
Chromium	52-2	21070	20635	20268	20658	1.94	cps
Cobalt	59-2	2594	2507	2447	2516	2.93	cps
Copper	63-2	15175	15345	15352	15291	0.66	cps
Dysprosium	156-1	17	42	25	28	45.82	cps
Dysprosium	156-2	10	13	7	10	33.30	cps
Erbium	164-1	42	42	75	53	36.47	cps
Erbium	164-2	10	20	13	14	35.26	cps
Gadolinium	160-1	167	67	158	131	42.50	cps
Gadolinium	160-2	27	23	20	23	14.29	cps
Holmium	165-1	10874082	10616332	10549072	10679829	1.61	cps
Holmium	165-2	2851741	2846324	2867766	2855277	0.39	cps
Indium	115-1	9567507	9420499	9475252	9487753	0.78	cps
Indium	115-2	492236	491318	488624	490726	0.38	cps
Iron	56-2	67799222	67050164	66780463	67209950	0.79	cps
Iron	57-2	1716828	1738097	1696953	1717293	1.20	cps
Krypton	83-1	363	400	440	401	9.56	cps
Lead	206-1	20684	21124	20055	20621	2.60	cps
Lead	207-1	16834	16750	16372	16652	1.48	cps
Lead	208-1	78802	77866	75906	77525	1.91	cps
Lithium	6-1	1912552	1858946	1906941	1892813	1.56	cps
Magnesium	24-2	3711456	3697794	3688877	3699376	0.31	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 15:59:02	DataFile Name :	019ICSA01_P8050818-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2124	2270	2347	2247	5.05	cps
Molybdenum	94-1	4082610	4111478	4122351	4105480	0.50	cps
Molybdenum	95-1	7232174	7162432	7214712	7203106	0.50	cps
Molybdenum	96-1	7718720	7702480	7673888	7698363	0.29	cps
Molybdenum	97-1	4513359	4459823	4527320	4500168	0.79	cps
Molybdenum	98-1	11500921	11246376	11533905	11427068	1.38	cps
Neodymium	150-1	33	40	27	33	20.00	cps
Neodymium	150-2	3	7	13	8	65.47	cps
Nickel	60-2	3344	3284	3534	3387	3.85	cps
Phosphorus	31-2	53878	52782	52163	52941	1.64	cps
Potassium	39-2	2181343	2164891	2186087	2177440	0.51	cps
Rhodium	103-1	9295705	8871311	9076840	9081285	2.34	cps
Rhodium	103-2	2814504	2784972	2785335	2794937	0.61	cps
Scandium	45-1	6670610	6549400	6570848	6596952	0.98	cps
Scandium	45-2	61775	61584	62385	61915	0.68	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	6	2	114.63	cps
Selenium	82-1	96	49	-20	42	140.29	cps
Silicon	28-1	570807	572087	576362	573085	0.51	cps
Silver	109-1	450	508	592	517	13.78	cps
Silver	107-1	508	550	508	522	4.61	cps
Sodium	23-2	8739719	8791783	8728271	8753258	0.39	cps
Strontium	86-1	80067	81627	81016	80904	0.97	cps
Strontium	88-1	695524	697330	694158	695671	0.23	cps
Sulfur	34-1	2851664	2833154	2848023	2844280	0.34	cps
Terbium	159-1	11347842	11034759	11070231	11150944	1.54	cps
Terbium	159-2	2819717	2761977	2791887	2791193	1.03	cps
Thallium	203-1	950	933	950	945	1.02	cps
Thallium	205-1	1867	2417	2684	2323	17.93	cps
Tin	118-1	2634	2775	2650	2687	2.88	cps
Titanium	47-1	2188782	2201516	2198543	2196280	0.30	cps
Uranium	238-1	350	358	408	372	8.48	cps
Vanadium	51-2	100	127	100	109	14.14	cps
Yttrium	89-1	10837031	10630254	10755607	10740964	0.97	cps
Yttrium	89-2	389865	389817	389995	389892	0.02	cps
Zinc	66-2	1850	1737	1890	1826	4.36	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 15:59:02	DataFile Name :	019ICSA01_P8050818-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5643	4918	4860	5140	8.49	cps
Zirconium	91-1	1183	1167	983	1111	9.99	cps

LB Number : LB95216 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-08 16:02:16 DataFile Name : 020ICSB_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	707647	714784	708908	710446	0.54	cps
Antimony	121-1	169927	169524	175053	171501	1.80	cps
Arsenic	75-2	2182	2261	2315	2253	2.98	cps
Barium	135-1	36577	35783	36786	36382	1.45	cps
Barium	137-1	62423	62005	61930	62119	0.43	cps
Beryllium	9-1	26313	26414	26185	26304	0.44	cps
Bismuth	209-1	5847821	5557497	6068821	5824713	4.40	cps
Bismuth	209-2	2041847	2052138	2054981	2049655	0.34	cps
Boron	10-1	9996	9562	9612	9723	2.44	cps
Boron	11-1	43375	44804	44437	44205	1.68	cps
Cadmium	111-1	37675	37922	37841	37813	0.33	cps
Cadmium	106-1	6035	6218	5910	6054	2.56	cps
Cadmium	108-1	3580	3859	3601	3680	4.23	cps
Calcium	43-1	2230643	2268441	2245820	2248301	0.85	cps
Calcium	44-1	35386228	36088872	35529172	35668090	1.04	cps
Chromium	52-2	41649	42504	41070	41741	1.73	cps
Cobalt	59-2	43986	43842	43866	43898	0.18	cps
Copper	63-2	50485	51291	51241	51006	0.89	cps
Dysprosium	156-1	25	58	33	39	44.62	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	83	42	75	67	33.07	cps
Erbium	164-2	7	20	20	16	49.47	cps
Gadolinium	160-1	67	67	83	72	13.33	cps
Gadolinium	160-2	20	17	17	18	10.81	cps
Holmium	165-1	10613839	9899598	10821904	10445114	4.63	cps
Holmium	165-2	2891069	2854039	2868214	2871107	0.65	cps
Indium	115-1	9541270	8994024	9715424	9416906	4.00	cps
Indium	115-2	493937	497011	498655	496534	0.48	cps
Iron	56-2	67991583	67635045	66847732	67491453	0.87	cps
Iron	57-2	1724962	1725894	1734515	1728457	0.30	cps
Krypton	83-1	427	477	393	432	9.70	cps
Lead	206-1	105183	103637	102865	103895	1.14	cps
Lead	207-1	86403	86394	88441	87079	1.35	cps
Lead	208-1	401559	402426	407110	403698	0.74	cps
Lithium	6-1	1951280	1850232	2006294	1935936	4.09	cps
Magnesium	24-2	3675057	3702958	3667197	3681737	0.51	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:02:16	DataFile Name :	020ICSB_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8276	8156	8079	8170	1.21	cps
Molybdenum	94-1	4490304	4429955	4493413	4471224	0.80	cps
Molybdenum	95-1	7315650	7328214	7359194	7334353	0.31	cps
Molybdenum	96-1	7870107	7948997	7987356	7935487	0.75	cps
Molybdenum	97-1	4566006	4654672	4651345	4624007	1.09	cps
Molybdenum	98-1	11725486	11725664	11910772	11787307	0.91	cps
Neodymium	150-1	40	40	40	40	0.00	cps
Neodymium	150-2	10	13	13	12	15.73	cps
Nickel	60-2	16400	15456	15919	15925	2.97	cps
Phosphorus	31-2	53887	54481	53527	53965	0.89	cps
Potassium	39-2	2210637	2195374	2160794	2188935	1.17	cps
Rhodium	103-1	9105533	8611041	9326949	9014508	4.07	cps
Rhodium	103-2	2838725	2827932	2842682	2836446	0.27	cps
Scandium	45-1	6722400	6280042	6836759	6613067	4.45	cps
Scandium	45-2	61199	62405	61986	61863	0.99	cps
Selenium	77-2	10	3	10	8	49.52	cps
Selenium	78-2	37	67	56	53	28.19	cps
Selenium	82-1	2484	2273	2433	2396	4.59	cps
Silicon	28-1	798765	804422	801881	801689	0.35	cps
Silver	109-1	164733	160888	163102	162907	1.18	cps
Silver	107-1	170761	175574	173825	173387	1.40	cps
Sodium	23-2	8782948	8830513	8777982	8797148	0.33	cps
Strontium	86-1	201545	200555	199958	200686	0.40	cps
Strontium	88-1	1745735	1790204	1759735	1765225	1.29	cps
Sulfur	34-1	2875025	2866368	2852837	2864743	0.39	cps
Terbium	159-1	11166974	10465637	11257042	10963218	3.95	cps
Terbium	159-2	2798891	2824851	2794897	2806213	0.58	cps
Thallium	203-1	106083	106143	107722	106649	0.87	cps
Thallium	205-1	251551	250284	251953	251263	0.35	cps
Tin	118-1	278539	282477	283816	281610	0.97	cps
Titanium	47-1	2255229	2265650	2266300	2262393	0.27	cps
Uranium	238-1	747650	763688	763183	758174	1.20	cps
Vanadium	51-2	14624	14394	14568	14529	0.83	cps
Yttrium	89-1	10879284	10278311	11082681	10746759	3.89	cps
Yttrium	89-2	393183	392735	391464	392461	0.23	cps
Zinc	66-2	5014	5408	5174	5199	3.81	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:02:16	DataFile Name :	020ICSB_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	629337	635536	642646	635839	1.05	cps
Zirconium	91-1	138163	139426	140552	139381	0.86	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:20:50	DataFile Name :	024CCV_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	397946	394257	394523	395575	0.52	cps
Antimony	121-1	4739393	4663850	4690632	4697958	0.82	cps
Arsenic	75-2	65439	64903	64887	65076	0.48	cps
Barium	135-1	4887483	4786730	4839096	4837770	1.04	cps
Barium	137-1	8275079	8193646	8183380	8217368	0.61	cps
Beryllium	9-1	734437	728160	734242	732279	0.49	cps
Bismuth	209-1	6391199	6293362	6244943	6309835	1.18	cps
Bismuth	209-2	2179286	2147952	2154278	2160506	0.77	cps
Boron	10-1	86511	88857	90619	88662	2.32	cps
Boron	11-1	401863	416774	416861	411833	2.10	cps
Cadmium	111-1	1023619	1028059	1018520	1023399	0.47	cps
Cadmium	106-1	110988	108308	109299	109532	1.24	cps
Cadmium	108-1	73692	73482	72879	73351	0.58	cps
Calcium	43-1	5975499	5951657	5977127	5968094	0.24	cps
Calcium	44-1	96126127	95804290	95967588	95966001	0.17	cps
Chromium	52-2	581442	580190	578472	580035	0.26	cps
Cobalt	59-2	1153561	1146814	1143738	1148038	0.44	cps
Copper	63-2	1989944	1983347	1990322	1987871	0.20	cps
Dysprosium	156-1	92	58	108	86	29.56	cps
Dysprosium	156-2	13	20	7	13	49.99	cps
Erbium	164-1	42	67	67	58	24.74	cps
Erbium	164-2	13	3	10	9	57.30	cps
Gadolinium	160-1	117	125	92	111	15.61	cps
Gadolinium	160-2	20	23	17	20	16.65	cps
Holmium	165-1	11390432	11416214	11283415	11363354	0.62	cps
Holmium	165-2	3077639	3018630	3060593	3052287	0.99	cps
Indium	115-1	9925237	10054439	9971552	9983742	0.66	cps
Indium	115-2	521291	518426	514080	517933	0.70	cps
Iron	56-2	89543480	89305391	88579769	89142880	0.56	cps
Iron	57-2	2308284	2279204	2282766	2290085	0.69	cps
Krypton	83-1	393	440	427	420	5.72	cps
Lead	206-1	2477266	2476499	2438327	2464031	0.90	cps
Lead	207-1	2258910	2247008	2244154	2250024	0.35	cps
Lead	208-1	10022690	10066685	9952122	10013833	0.58	cps
Lithium	6-1	1929625	1959036	1944533	1944398	0.76	cps
Magnesium	24-2	9095949	9135699	9071904	9101184	0.35	cps

LB Number : LB95216 Operator : Jaswal
 Lab Sample ID : CCV72 Instrumnet Name : P8
 Client Sample ID : CCV72 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-08 16:20:50 DataFile Name : 024CCV_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	324107	324280	325090	324492	0.16	cps
Molybdenum	94-1	8661742	8685635	8628784	8658720	0.33	cps
Molybdenum	95-1	10446528	10667826	10465722	10526692	1.16	cps
Molybdenum	96-1	11716853	11821316	11739397	11759188	0.47	cps
Molybdenum	97-1	6620525	6649594	6602387	6624169	0.36	cps
Molybdenum	98-1	16845971	16976598	16773967	16865512	0.61	cps
Neodymium	150-1	247	220	227	231	6.01	cps
Neodymium	150-2	17	17	3	12	63.01	cps
Nickel	60-2	342660	342157	337641	340819	0.81	cps
Phosphorus	31-2	5826	6202	6468	6166	5.23	cps
Potassium	39-2	2695440	2671309	2708921	2691890	0.71	cps
Rhodium	103-1	9514644	9529419	9486756	9510273	0.23	cps
Rhodium	103-2	2902001	2876298	2883295	2887198	0.46	cps
Scandium	45-1	7029466	7043776	7073350	7048864	0.32	cps
Scandium	45-2	64510	64886	64808	64735	0.31	cps
Selenium	77-2	497	503	443	481	6.84	cps
Selenium	78-2	1608	1689	1624	1640	2.62	cps
Selenium	82-1	68609	68382	69328	68773	0.72	cps
Silicon	28-1	2778648	2872487	2881546	2844227	2.00	cps
Silver	109-1	5002957	4968581	4987846	4986461	0.35	cps
Silver	107-1	5336307	5277399	5311930	5308545	0.56	cps
Sodium	23-2	21270450	21136152	21383245	21263283	0.58	cps
Strontium	86-1	1428388	1435400	1427728	1430506	0.30	cps
Strontium	88-1	12155170	12168118	12082446	12135245	0.38	cps
Sulfur	34-1	797267	794927	797136	796443	0.17	cps
Terbium	159-1	11834454	11978444	11897174	11903357	0.61	cps
Terbium	159-2	3009392	3007477	2967719	2994862	0.79	cps
Thallium	203-1	3071192	3051033	3066936	3063054	0.35	cps
Thallium	205-1	7217313	7151792	7173640	7180915	0.46	cps
Tin	118-1	3339577	3306080	3324656	3323438	0.50	cps
Titanium	47-1	3107853	3137467	3076550	3107290	0.98	cps
Uranium	238-1	9076200	9029913	8850092	8985402	1.33	cps
Vanadium	51-2	418013	420015	422506	420178	0.54	cps
Yttrium	89-1	11536209	11472219	11408864	11472430	0.56	cps
Yttrium	89-2	410230	409848	408963	409680	0.16	cps
Zinc	66-2	178955	178492	175761	177736	0.97	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:20:50	DataFile Name :	024CCV_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7412270	7339252	7348070	7366531	0.54	cps
Zirconium	91-1	1667677	1658917	1654391	1660328	0.41	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:26:12	DataFile Name :	025CCBE_P8050818-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	17	25	25	33.32	cps
Antimony	121-1	9679	11430	12657	11255	13.30	cps
Arsenic	75-2	24	17	26	22	22.04	cps
Barium	135-1	108	142	142	131	14.74	cps
Barium	137-1	175	283	283	247	25.30	cps
Beryllium	9-1	189	206	178	191	7.33	cps
Bismuth	209-1	6535208	6659060	6595845	6596704	0.94	cps
Bismuth	209-2	2217572	2246795	2237502	2233956	0.67	cps
Boron	10-1	2367	2434	2417	2406	1.44	cps
Boron	11-1	10930	10496	10171	10532	3.61	cps
Cadmium	111-1	1515	1566	1383	1488	6.35	cps
Cadmium	106-1	2075	2192	1892	2053	7.37	cps
Cadmium	108-1	13	21	0	11	94.37	cps
Calcium	43-1	892	858	875	875	1.90	cps
Calcium	44-1	36775	36799	35931	36502	1.36	cps
Chromium	52-2	863	913	770	849	8.57	cps
Cobalt	59-2	80	77	90	82	8.44	cps
Copper	63-2	1420	1353	1433	1402	3.06	cps
Dysprosium	156-1	0	50	0	17	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	75	75	58	69	13.85	cps
Erbium	164-2	10	17	3	10	66.70	cps
Gadolinium	160-1	58	67	117	81	39.16	cps
Gadolinium	160-2	17	13	27	19	36.75	cps
Holmium	165-1	11356377	11214242	11079990	11216870	1.23	cps
Holmium	165-2	2918330	3011823	2991290	2973814	1.65	cps
Indium	115-1	10458242	10270380	10184587	10304403	1.36	cps
Indium	115-2	522162	528450	523785	524799	0.62	cps
Iron	56-2	4440	4445	4206	4364	3.13	cps
Iron	57-2	122	111	122	119	5.41	cps
Krypton	83-1	363	487	513	454	17.61	cps
Lead	206-1	589	539	744	624	17.18	cps
Lead	207-1	544	594	428	522	16.38	cps
Lead	208-1	2456	2400	2634	2496	4.88	cps
Lithium	6-1	1959525	1968112	1975899	1967845	0.42	cps
Magnesium	24-2	425	375	392	397	6.41	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:26:12	DataFile Name :	025CCBE_P8050818-M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	57	53	51	13.58	cps
Molybdenum	94-1	2334	3284	3667	3095	22.19	cps
Molybdenum	95-1	3175	4643	5268	4362	24.62	cps
Molybdenum	96-1	3776	4451	5785	4670	21.89	cps
Molybdenum	97-1	2184	2509	3417	2703	23.65	cps
Molybdenum	98-1	5026	6935	8437	6799	25.14	cps
Neodymium	150-1	0	33	0	11	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	123	153	110	129	17.22	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	3909	4092	3934	3979	2.50	cps
Rhodium	103-1	9949527	9824319	9870201	9881349	0.64	cps
Rhodium	103-2	3035615	3021174	2998991	3018593	0.61	cps
Scandium	45-1	6897072	6892300	6936301	6908558	0.35	cps
Scandium	45-2	63121	62495	62194	62603	0.76	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	6	4	9	6	45.85	cps
Selenium	82-1	107	-40	-66	0	33761.62	cps
Silicon	28-1	418269	419307	415996	417857	0.41	cps
Silver	109-1	242	250	267	253	5.04	cps
Silver	107-1	333	342	333	336	1.43	cps
Sodium	23-2	14033	14133	13557	13907	2.21	cps
Strontium	86-1	758	633	725	706	9.17	cps
Strontium	88-1	342	300	358	333	9.01	cps
Sulfur	34-1	415244	410685	413413	413114	0.56	cps
Terbium	159-1	11826308	11754524	11859112	11813315	0.45	cps
Terbium	159-2	2922394	2969732	2901569	2931232	1.19	cps
Thallium	203-1	1108	1100	1258	1156	7.71	cps
Thallium	205-1	2825	2492	2600	2639	6.44	cps
Tin	118-1	2517	2542	2825	2628	6.52	cps
Titanium	47-1	275	183	325	261	27.52	cps
Uranium	238-1	267	342	292	300	12.73	cps
Vanadium	51-2	30	17	3	17	80.01	cps
Yttrium	89-1	11391469	11319312	11326112	11345631	0.35	cps
Yttrium	89-2	405482	406893	398907	403761	1.06	cps
Zinc	66-2	83	90	83	86	4.50	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:26:12	DataFile Name :	025CCBE_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1475	1550	1667	1564	6.18	cps
Zirconium	91-1	408	342	342	364	10.58	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:29:31	DataFile Name :	026SMPL_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	208	208	200	7.22	cps
Antimony	121-1	20809	21669	23196	21891	5.52	cps
Arsenic	75-2	120	111	126	119	6.28	cps
Barium	135-1	16277	17253	16186	16572	3.57	cps
Barium	137-1	27538	28732	27179	27817	2.92	cps
Beryllium	9-1	1278	1572	1378	1409	10.63	cps
Bismuth	209-1	6638131	6576413	6698281	6637608	0.92	cps
Bismuth	209-2	2169566	2235271	2243975	2216271	1.84	cps
Boron	10-1	5585	5184	5176	5315	4.39	cps
Boron	11-1	23870	24856	24714	24480	2.18	cps
Cadmium	111-1	3225	3184	3346	3252	2.60	cps
Cadmium	106-1	2150	2375	2400	2309	5.96	cps
Cadmium	108-1	163	167	192	174	9.08	cps
Calcium	43-1	11789	10980	11138	11302	3.79	cps
Calcium	44-1	208944	205583	206499	207008	0.84	cps
Chromium	52-2	2990	2934	2977	2967	1.00	cps
Cobalt	59-2	2050	2167	2014	2077	3.86	cps
Copper	63-2	4948	4604	5004	4852	4.46	cps
Dysprosium	156-1	42	8	8	19	99.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	75	42	58	58	28.57	cps
Erbium	164-2	23	13	0	12	95.78	cps
Gadolinium	160-1	83	83	67	78	12.37	cps
Gadolinium	160-2	10	13	10	11	17.30	cps
Holmium	165-1	11278048	11147328	11297379	11240918	0.73	cps
Holmium	165-2	2917470	2935600	2993914	2948995	1.35	cps
Indium	115-1	10347376	10252900	10295370	10298549	0.46	cps
Indium	115-2	510122	527601	523679	520467	1.76	cps
Iron	56-2	37663	36832	36983	37159	1.19	cps
Iron	57-2	945	900	967	937	3.62	cps
Krypton	83-1	477	407	343	409	16.31	cps
Lead	206-1	4884	4768	5040	4897	2.79	cps
Lead	207-1	4117	4140	4223	4160	1.34	cps
Lead	208-1	19518	19479	19768	19588	0.80	cps
Lithium	6-1	1981091	1971825	1961010	1971308	0.51	cps
Magnesium	24-2	17495	18371	18671	18179	3.36	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:29:31	DataFile Name :	026SMPL_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	347	377	350	358	4.60	cps
Molybdenum	94-1	16469	16586	17395	16817	3.00	cps
Molybdenum	95-1	18931	19415	19782	19376	2.20	cps
Molybdenum	96-1	22194	22712	22795	22567	1.44	cps
Molybdenum	97-1	11881	12131	12940	12317	4.50	cps
Molybdenum	98-1	31337	32156	32181	31891	1.51	cps
Neodymium	150-1	0	7	33	13	132.27	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	760	840	740	780	6.78	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	14541	14375	14108	14341	1.53	cps
Rhodium	103-1	9913510	9983015	9912219	9936248	0.41	cps
Rhodium	103-2	2912667	3034239	3019884	2988930	2.22	cps
Scandium	45-1	6917996	6921907	6911222	6917042	0.08	cps
Scandium	45-2	59295	61608	61598	60833	2.19	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	7	22	26	19	52.91	cps
Selenium	82-1	573	558	646	592	7.95	cps
Silicon	28-1	484654	482566	484141	483787	0.22	cps
Silver	109-1	8703	8228	8953	8628	4.27	cps
Silver	107-1	9554	9395	9287	9412	1.43	cps
Sodium	23-2	57157	55083	55225	55822	2.08	cps
Strontium	86-1	3159	3042	3326	3176	4.49	cps
Strontium	88-1	21059	20992	21760	21270	2.00	cps
Sulfur	34-1	421243	416244	418962	418816	0.60	cps
Terbium	159-1	11877429	11849141	11826740	11851103	0.21	cps
Terbium	159-2	2886586	2974635	2931213	2930811	1.50	cps
Thallium	203-1	6127	5902	6027	6018	1.87	cps
Thallium	205-1	14884	14851	15018	14918	0.59	cps
Tin	118-1	29801	29617	29533	29650	0.46	cps
Titanium	47-1	5551	5360	5360	5424	2.04	cps
Uranium	238-1	15152	15610	15744	15502	2.00	cps
Vanadium	51-2	3601	3597	3364	3521	3.86	cps
Yttrium	89-1	11367810	11300737	11235519	11301355	0.59	cps
Yttrium	89-2	391709	403006	405527	400081	1.84	cps
Zinc	66-2	443	417	453	438	4.33	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:29:31	DataFile Name :	026SMPL_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	15409	15501	15167	15359	1.12	cps
Zirconium	91-1	3167	3601	3301	3356	6.62	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:32:51	DataFile Name :	027SMPL_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	208	208	208	0.00	cps
Antimony	121-1	19365	19131	19816	19437	1.79	cps
Arsenic	75-2	135	150	120	135	10.96	cps
Barium	135-1	16319	15510	16936	16255	4.40	cps
Barium	137-1	27621	28097	27446	27722	1.22	cps
Beryllium	9-1	1522	1372	1350	1415	6.62	cps
Bismuth	209-1	6576021	6455068	6708074	6579721	1.92	cps
Bismuth	209-2	2213064	2241321	2215655	2223347	0.70	cps
Boron	10-1	5034	4793	4976	4934	2.56	cps
Boron	11-1	22777	22852	23420	23017	1.53	cps
Cadmium	111-1	3144	3342	3584	3357	6.57	cps
Cadmium	106-1	1992	2342	2700	2345	15.11	cps
Cadmium	108-1	179	133	146	153	15.51	cps
Calcium	43-1	11272	11789	11288	11450	2.57	cps
Calcium	44-1	203042	204039	202987	203356	0.29	cps
Chromium	52-2	2844	3184	3050	3026	5.66	cps
Cobalt	59-2	2007	2130	2100	2079	3.09	cps
Copper	63-2	4774	4761	4758	4764	0.19	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	42	33	39	12.38	cps
Erbium	164-2	13	3	10	9	57.30	cps
Gadolinium	160-1	75	50	58	61	20.83	cps
Gadolinium	160-2	13	7	17	12	41.65	cps
Holmium	165-1	11039282	11137579	11153220	11110027	0.56	cps
Holmium	165-2	2947711	2964880	2953375	2955322	0.30	cps
Indium	115-1	10119504	10150863	10133529	10134632	0.15	cps
Indium	115-2	521363	517097	524221	520893	0.69	cps
Iron	56-2	36905	37105	35679	36563	2.11	cps
Iron	57-2	772	906	933	870	9.90	cps
Krypton	83-1	467	450	400	439	7.91	cps
Lead	206-1	4679	4812	4757	4749	1.41	cps
Lead	207-1	3923	3967	4095	3995	2.24	cps
Lead	208-1	18428	18350	19162	18647	2.40	cps
Lithium	6-1	1949852	1941633	1971038	1954174	0.78	cps
Magnesium	24-2	17570	18054	18321	17982	2.12	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:32:51	DataFile Name :	027SMPL_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	297	317	383	332	13.66	cps
Molybdenum	94-1	15877	16144	15785	15935	1.17	cps
Molybdenum	95-1	18956	18906	19239	19034	0.95	cps
Molybdenum	96-1	20683	20842	21034	20853	0.84	cps
Molybdenum	97-1	11672	11906	11864	11814	1.05	cps
Molybdenum	98-1	30552	29525	31295	30457	2.92	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	807	730	807	781	5.67	cps
Phosphorus	31-2	17	17	0	11	86.60	cps
Potassium	39-2	13857	13682	13891	13810	0.81	cps
Rhodium	103-1	9893877	9887040	9912631	9897849	0.13	cps
Rhodium	103-2	3027542	2976690	2990853	2998361	0.88	cps
Scandium	45-1	6821385	6886167	6840737	6849430	0.49	cps
Scandium	45-2	62167	62291	61651	62036	0.55	cps
Selenium	77-2	7	10	3	7	50.03	cps
Selenium	78-2	22	17	13	17	26.96	cps
Selenium	82-1	499	590	561	550	8.43	cps
Silicon	28-1	486054	483772	478536	482787	0.80	cps
Silver	109-1	7961	8361	8795	8372	4.98	cps
Silver	107-1	9345	9087	8895	9109	2.48	cps
Sodium	23-2	53820	54589	55317	54575	1.37	cps
Strontium	86-1	2742	3234	2992	2989	8.23	cps
Strontium	88-1	20600	21543	21877	21340	3.10	cps
Sulfur	34-1	418622	421102	417021	418915	0.49	cps
Terbium	159-1	11857740	11739947	11792154	11796614	0.50	cps
Terbium	159-2	2911981	2893856	2919384	2908407	0.45	cps
Thallium	203-1	6002	5793	5768	5854	2.19	cps
Thallium	205-1	13842	13841	13933	13872	0.38	cps
Tin	118-1	30177	29083	29818	29692	1.88	cps
Titanium	47-1	5418	5610	5818	5615	3.56	cps
Uranium	238-1	15243	15127	15177	15182	0.39	cps
Vanadium	51-2	3380	3447	3597	3475	3.19	cps
Yttrium	89-1	11277852	11148396	11249504	11225251	0.61	cps
Yttrium	89-2	400592	400017	399891	400167	0.09	cps
Zinc	66-2	343	390	393	376	7.44	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:32:51	DataFile Name :	027SMPL_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14684	14642	14583	14636	0.34	cps
Zirconium	91-1	3292	3009	3217	3173	4.63	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-09	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(130-132)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:36:11	DataFile Name :	028SMPL_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1128425	1134472	1118414	1127104	0.72	cps
Antimony	121-1	4168	4859	5777	4935	16.36	cps
Arsenic	75-2	5166	5151	5007	5108	1.72	cps
Barium	135-1	2606411	2614098	2615227	2611912	0.18	cps
Barium	137-1	4416240	4443017	4452994	4437417	0.43	cps
Beryllium	9-1	10765	11466	11505	11245	3.70	cps
Bismuth	209-1	5917776	6121827	6159491	6066364	2.14	cps
Bismuth	209-2	2104075	2082622	2116233	2100976	0.81	cps
Boron	10-1	14133	14399	15050	14527	3.25	cps
Boron	11-1	66772	70901	70926	69533	3.44	cps
Cadmium	111-1	4857	4924	4952	4911	0.99	cps
Cadmium	106-1	5660	5968	5651	5760	3.14	cps
Cadmium	108-1	1150	1238	1125	1171	5.05	cps
Calcium	43-1	5736672	5841816	5827089	5801859	0.98	cps
Calcium	44-1	92189160	93126552	93346779	92887497	0.66	cps
Chromium	52-2	233064	232587	232326	232659	0.16	cps
Cobalt	59-2	274927	276267	278205	276467	0.60	cps
Copper	63-2	528356	526396	527754	527502	0.19	cps
Dysprosium	156-1	263357	269474	269141	267324	1.29	cps
Dysprosium	156-2	75962	75738	74979	75560	0.68	cps
Erbium	164-1	221817	223094	223976	222962	0.49	cps
Erbium	164-2	55655	55535	56007	55732	0.44	cps
Gadolinium	160-1	260936	267564	265312	264604	1.27	cps
Gadolinium	160-2	91182	90615	90562	90786	0.38	cps
Holmium	165-1	10928944	11055326	10999290	10994520	0.58	cps
Holmium	165-2	2938841	2952859	2996168	2962622	1.01	cps
Indium	115-1	9390794	9782541	9608929	9594088	2.05	cps
Indium	115-2	489892	493539	498092	493841	0.83	cps
Iron	56-2	196262260	196631249	196548243	196480584	0.10	cps
Iron	57-2	4904527	4981744	4982193	4956155	0.90	cps
Krypton	83-1	753	743	710	736	3.09	cps
Lead	206-1	598393	609553	617536	608494	1.58	cps
Lead	207-1	498706	507513	509882	505367	1.17	cps
Lead	208-1	2343550	2371398	2406998	2373982	1.34	cps
Lithium	6-1	1863059	1892629	1880570	1878753	0.79	cps
Magnesium	24-2	4347059	4350938	4282632	4326876	0.89	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-09	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(130-132)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:36:11	DataFile Name :	028SMPL_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1963595	1953683	1935279	1950852	0.74	cps
Molybdenum	94-1	539711	547709	552363	546595	1.17	cps
Molybdenum	95-1	14050	13933	14266	14083	1.20	cps
Molybdenum	96-1	104745	106350	105862	105652	0.78	cps
Molybdenum	97-1	8720	8912	8403	8678	2.96	cps
Molybdenum	98-1	21985	22269	22853	22369	1.98	cps
Neodymium	150-1	395118	398900	400919	398312	0.74	cps
Neodymium	150-2	67067	66956	66085	66703	0.81	cps
Nickel	60-2	181951	182181	183853	182662	0.57	cps
Phosphorus	31-2	3050	3134	3000	3062	2.20	cps
Potassium	39-2	654735	655410	656025	655390	0.10	cps
Rhodium	103-1	8829250	8984051	9046464	8953255	1.25	cps
Rhodium	103-2	2742738	2750193	2760368	2751099	0.32	cps
Scandium	45-1	7127590	7320601	7214825	7221005	1.34	cps
Scandium	45-2	66255	66182	64755	65731	1.29	cps
Selenium	77-2	393	383	407	394	2.97	cps
Selenium	78-2	200	222	215	212	5.33	cps
Selenium	82-1	501	464	500	488	4.30	cps
Silicon	28-1	31415855	31305098	31684869	31468607	0.62	cps
Silver	109-1	3676	4051	3859	3862	4.86	cps
Silver	107-1	4534	4676	4526	4579	1.84	cps
Sodium	23-2	235248	241159	235663	237357	1.39	cps
Strontium	86-1	1915842	1921194	1967239	1934758	1.46	cps
Strontium	88-1	15947158	16409051	16641453	16332554	2.16	cps
Sulfur	34-1	856840	861379	865004	861074	0.48	cps
Terbium	159-1	11284081	11382384	11516424	11394296	1.02	cps
Terbium	159-2	2890016	2908263	2873451	2890577	0.60	cps
Thallium	203-1	10388	9838	10547	10257	3.63	cps
Thallium	205-1	25452	25335	24925	25237	1.10	cps
Tin	118-1	6477	6960	7119	6852	4.88	cps
Titanium	47-1	2330637	2363755	2364245	2352879	0.82	cps
Uranium	238-1	156161	155861	158331	156784	0.86	cps
Vanadium	51-2	190040	191091	190544	190558	0.28	cps
Yttrium	89-1	13925075	14358650	14291023	14191582	1.64	cps
Yttrium	89-2	512496	512448	512110	512351	0.04	cps
Zinc	66-2	106400	106542	108188	107043	0.93	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-09	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-1(130-132)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:36:11	DataFile Name :	028SMPL_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1513001	1579163	1540724	1544296	2.15	cps
Zirconium	91-1	324845	336371	331748	330988	1.75	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:39:28	DataFile Name :	029SMPL_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	682477	672687	683842	679669	0.90	cps
Antimony	121-1	3426	4151	4376	3984	12.46	cps
Arsenic	75-2	3445	3526	3582	3518	1.96	cps
Barium	135-1	1879277	1861228	1853618	1864708	0.71	cps
Barium	137-1	3197473	3199698	3188929	3195367	0.18	cps
Beryllium	9-1	7663	7713	7880	7752	1.46	cps
Bismuth	209-1	6254558	6247296	6281192	6261015	0.29	cps
Bismuth	209-2	2066985	2103891	2122657	2097844	1.35	cps
Boron	10-1	10613	10654	10296	10521	1.86	cps
Boron	11-1	48391	50248	50532	49723	2.34	cps
Cadmium	111-1	3949	3825	3730	3834	2.86	cps
Cadmium	106-1	3951	3967	3826	3915	1.98	cps
Cadmium	108-1	596	617	533	582	7.45	cps
Calcium	43-1	6308744	6286835	6363618	6319733	0.63	cps
Calcium	44-1	100775896	99614371	100610534	100333600	0.63	cps
Chromium	52-2	155778	155728	156541	156015	0.29	cps
Cobalt	59-2	192243	190935	192486	191888	0.43	cps
Copper	63-2	407558	407328	409623	408170	0.31	cps
Dysprosium	156-1	208339	211580	210268	210062	0.78	cps
Dysprosium	156-2	59883	59548	58648	59360	1.08	cps
Erbium	164-1	177609	179432	179778	178940	0.65	cps
Erbium	164-2	44931	43245	44385	44187	1.95	cps
Gadolinium	160-1	206913	208421	211888	209074	1.22	cps
Gadolinium	160-2	71926	72382	70968	71759	1.01	cps
Holmium	165-1	11008961	11217149	11280508	11168873	1.27	cps
Holmium	165-2	2868214	2973975	2972540	2938243	2.06	cps
Indium	115-1	9825322	9673269	9868622	9789071	1.05	cps
Indium	115-2	484906	502688	500538	496044	1.96	cps
Iron	56-2	115254544	115168441	116039828	115487604	0.42	cps
Iron	57-2	2974817	2916277	2944898	2945330	0.99	cps
Krypton	83-1	707	600	643	650	8.25	cps
Lead	206-1	425129	423055	430083	426089	0.85	cps
Lead	207-1	353540	349045	356263	352949	1.03	cps
Lead	208-1	1651897	1640861	1670989	1654582	0.92	cps
Lithium	6-1	1830049	1876622	1862228	1856300	1.28	cps
Magnesium	24-2	3860721	3813032	3909522	3861092	1.25	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:39:28	DataFile Name :	029SMPL_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1570532	1570855	1545085	1562157	0.95	cps
Molybdenum	94-1	249581	243480	248426	247162	1.31	cps
Molybdenum	95-1	9645	9896	10421	9987	3.96	cps
Molybdenum	96-1	52469	50478	53239	52062	2.74	cps
Molybdenum	97-1	5618	6585	6243	6149	7.98	cps
Molybdenum	98-1	15151	15084	16536	15590	5.26	cps
Neodymium	150-1	307934	308707	311762	309468	0.65	cps
Neodymium	150-2	51267	50831	50383	50827	0.87	cps
Nickel	60-2	137309	135565	136662	136512	0.65	cps
Phosphorus	31-2	3509	3626	3426	3520	2.85	cps
Potassium	39-2	534577	528200	529096	530624	0.65	cps
Rhodium	103-1	9252300	9152229	9251602	9218711	0.62	cps
Rhodium	103-2	2680027	2796693	2795744	2757488	2.43	cps
Scandium	45-1	7086662	7173137	7174675	7144825	0.71	cps
Scandium	45-2	62535	64704	64772	64004	1.99	cps
Selenium	77-2	280	317	313	303	6.68	cps
Selenium	78-2	163	159	187	170	8.88	cps
Selenium	82-1	323	484	432	413	19.89	cps
Silicon	28-1	48219283	48778802	48588408	48528831	0.59	cps
Silver	109-1	3659	3784	3609	3684	2.45	cps
Silver	107-1	4451	4126	4168	4248	4.16	cps
Sodium	23-2	198324	197283	198668	198092	0.36	cps
Strontium	86-1	1791456	1775923	1770903	1779427	0.60	cps
Strontium	88-1	15149675	15156582	15215703	15173987	0.24	cps
Sulfur	34-1	950216	957316	962340	956624	0.64	cps
Terbium	159-1	11501439	11705383	11730263	11645695	1.08	cps
Terbium	159-2	2838738	2909126	2921121	2889662	1.54	cps
Thallium	203-1	9838	9329	9704	9624	2.74	cps
Thallium	205-1	22562	22562	22796	22640	0.60	cps
Tin	118-1	5518	5826	5643	5663	2.74	cps
Titanium	47-1	2456439	2426487	2447978	2443635	0.63	cps
Uranium	238-1	254326	252931	253455	253570	0.28	cps
Vanadium	51-2	138920	137554	139661	138712	0.77	cps
Yttrium	89-1	13884318	13881563	13996597	13920826	0.47	cps
Yttrium	89-2	478455	495173	493040	488889	1.86	cps
Zinc	66-2	74331	73222	74844	74133	1.12	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:39:28	DataFile Name :	029SMPL_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	672797	667284	673375	671152	0.50	cps
Zirconium	91-1	148133	146920	147181	147412	0.43	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10DUP	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:42:42	DataFile Name :	030SMPL_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	683626	678723	673784	678711	0.73	cps
Antimony	121-1	2925	3217	3859	3334	14.33	cps
Arsenic	75-2	3512	3597	3463	3524	1.92	cps
Barium	135-1	1901864	1890492	1907157	1899838	0.45	cps
Barium	137-1	3223780	3215578	3225010	3221456	0.16	cps
Beryllium	9-1	8269	8008	8241	8173	1.76	cps
Bismuth	209-1	6213293	6317512	6236576	6255794	0.87	cps
Bismuth	209-2	1967292	2139122	2147389	2084601	4.88	cps
Boron	10-1	9879	10504	10946	10443	5.14	cps
Boron	11-1	49996	49503	50816	50105	1.32	cps
Cadmium	111-1	3611	3838	3685	3711	3.13	cps
Cadmium	106-1	3734	3842	3926	3834	2.51	cps
Cadmium	108-1	600	550	692	614	11.70	cps
Calcium	43-1	6193638	6172653	6313874	6226722	1.22	cps
Calcium	44-1	99462404	100307229	101691804	100487146	1.12	cps
Chromium	52-2	156638	156544	155253	156145	0.50	cps
Cobalt	59-2	192033	192273	190989	191765	0.36	cps
Copper	63-2	412013	409749	412616	411459	0.37	cps
Dysprosium	156-1	210514	208211	213557	210761	1.27	cps
Dysprosium	156-2	60579	60285	59598	60154	0.84	cps
Erbium	164-1	174288	179704	179244	177745	1.69	cps
Erbium	164-2	44145	44449	44402	44332	0.37	cps
Gadolinium	160-1	206380	208046	211239	208555	1.18	cps
Gadolinium	160-2	72611	71866	72182	72220	0.52	cps
Holmium	165-1	11156652	11273129	11149743	11193175	0.62	cps
Holmium	165-2	2776976	3012888	3021736	2937200	4.73	cps
Indium	115-1	9888221	9932205	9897560	9905995	0.23	cps
Indium	115-2	466051	500029	508039	491373	4.54	cps
Iron	56-2	116412664	114934866	115419144	115588891	0.65	cps
Iron	57-2	2999037	2925645	2982282	2968988	1.30	cps
Krypton	83-1	693	613	613	640	7.22	cps
Lead	206-1	422701	424046	428858	425202	0.76	cps
Lead	207-1	345950	347869	351628	348482	0.83	cps
Lead	208-1	1624857	1637953	1650787	1637866	0.79	cps
Lithium	6-1	1884486	1874617	1873709	1877604	0.32	cps
Magnesium	24-2	3904823	3861856	3872823	3879834	0.58	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10DUP	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:42:42	DataFile Name :	030SMPL_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1589540	1578615	1558778	1575644	0.99	cps
Molybdenum	94-1	245999	244427	249706	246711	1.10	cps
Molybdenum	95-1	9170	9387	9662	9406	2.62	cps
Molybdenum	96-1	52895	51575	53189	52553	1.64	cps
Molybdenum	97-1	5460	5752	5910	5707	4.00	cps
Molybdenum	98-1	14901	15785	15660	15448	3.10	cps
Neodymium	150-1	305261	308357	309192	307603	0.67	cps
Neodymium	150-2	50825	51343	51203	51124	0.52	cps
Nickel	60-2	136417	134206	137019	135880	1.09	cps
Phosphorus	31-2	3701	3667	3292	3553	6.38	cps
Potassium	39-2	529086	535298	531135	531840	0.60	cps
Rhodium	103-1	9272643	9170402	9186183	9209742	0.60	cps
Rhodium	103-2	2592551	2811731	2862529	2755604	5.21	cps
Scandium	45-1	7251342	7214977	7200887	7222402	0.36	cps
Scandium	45-2	60886	64983	64909	63593	3.69	cps
Selenium	77-2	430	330	303	354	18.84	cps
Selenium	78-2	178	130	156	154	15.62	cps
Selenium	82-1	462	548	524	511	8.68	cps
Silicon	28-1	46886091	47001476	47045973	46977847	0.18	cps
Silver	109-1	3567	3709	3384	3553	4.59	cps
Silver	107-1	3567	4134	4151	3951	8.41	cps
Sodium	23-2	200401	201035	198422	199953	0.68	cps
Strontium	86-1	1753750	1766988	1803042	1774593	1.44	cps
Strontium	88-1	14889831	14856977	15044993	14930600	0.67	cps
Sulfur	34-1	961945	962293	956846	960362	0.32	cps
Terbium	159-1	11815716	11758541	11792042	11788767	0.24	cps
Terbium	159-2	2704214	2968338	2945300	2872617	5.09	cps
Thallium	203-1	9304	9662	9204	9390	2.57	cps
Thallium	205-1	22295	22571	22838	22568	1.20	cps
Tin	118-1	5418	5560	5710	5563	2.62	cps
Titanium	47-1	2417038	2422316	2435075	2424810	0.38	cps
Uranium	238-1	246982	253571	250450	250334	1.32	cps
Vanadium	51-2	139928	137207	137153	138096	1.15	cps
Yttrium	89-1	14044371	13979401	13914093	13979288	0.47	cps
Yttrium	89-2	462061	494896	493768	483575	3.85	cps
Zinc	66-2	73845	75035	74747	74542	0.83	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10DUP	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:42:42	DataFile Name :	030SMPL_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	663436	667943	674759	668713	0.85	cps
Zirconium	91-1	147164	147390	147829	147461	0.23	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10LX5	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-08 16:45:57	DataFile Name :	031SMPL_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	245361	246160	242505	244675	0.79	cps
Antimony	121-1	1150	1509	1909	1522	24.92	cps
Arsenic	75-2	1080	1156	1013	1083	6.59	cps
Barium	135-1	540337	550046	555142	548508	1.37	cps
Barium	137-1	941464	951934	960838	951412	1.02	cps
Beryllium	9-1	2656	2484	2356	2498	6.03	cps
Bismuth	209-1	6678064	6830191	6803201	6770485	1.20	cps
Bismuth	209-2	2316973	2311414	2312764	2313717	0.13	cps
Boron	10-1	4343	4518	4342	4401	2.30	cps
Boron	11-1	19347	19556	20332	19745	2.63	cps
Cadmium	111-1	2462	2200	2297	2320	5.70	cps
Cadmium	106-1	3134	2967	3034	3045	2.76	cps
Cadmium	108-1	242	258	246	249	3.49	cps
Calcium	43-1	1286958	1278065	1312596	1292540	1.39	cps
Calcium	44-1	20192593	20315630	20505405	20337876	0.77	cps
Chromium	52-2	51434	51264	51010	51236	0.42	cps
Cobalt	59-2	61813	61334	61150	61433	0.56	cps
Copper	63-2	118654	118079	117882	118205	0.34	cps
Dysprosium	156-1	56323	57996	57687	57335	1.55	cps
Dysprosium	156-2	15836	16254	15927	16006	1.37	cps
Erbium	164-1	46627	46510	46559	46565	0.13	cps
Erbium	164-2	11916	11492	11535	11648	2.00	cps
Gadolinium	160-1	56005	56055	56566	56208	0.55	cps
Gadolinium	160-2	19054	19074	19244	19124	0.55	cps
Holmium	165-1	11857410	11858796	11820102	11845436	0.19	cps
Holmium	165-2	3170537	3152549	3165468	3162851	0.29	cps
Indium	115-1	10477439	10708827	10712563	10632943	1.27	cps
Indium	115-2	548836	541997	541205	544013	0.77	cps
Iron	56-2	43405212	43219318	42901718	43175416	0.59	cps
Iron	57-2	1080150	1089425	1074824	1081466	0.68	cps
Krypton	83-1	473	587	523	528	10.76	cps
Lead	206-1	132632	134707	132692	133344	0.89	cps
Lead	207-1	109649	111134	111520	110768	0.89	cps
Lead	208-1	514541	518393	517885	516939	0.40	cps
Lithium	6-1	1963161	2021660	1989132	1991318	1.47	cps
Magnesium	24-2	943157	936900	934798	938285	0.46	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10LX5	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-08 16:45:57	DataFile Name :	031SMPL_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	417999	418107	418218	418108	0.03	cps
Molybdenum	94-1	112774	114497	115715	114328	1.29	cps
Molybdenum	95-1	2892	3234	3484	3203	9.27	cps
Molybdenum	96-1	22494	22085	22770	22450	1.53	cps
Molybdenum	97-1	1800	2117	1934	1950	8.15	cps
Molybdenum	98-1	5143	5101	5826	5357	7.60	cps
Neodymium	150-1	83652	87283	87692	86209	2.58	cps
Neodymium	150-2	13938	14038	14201	14059	0.95	cps
Nickel	60-2	40653	40659	39850	40388	1.15	cps
Phosphorus	31-2	525	592	583	567	6.41	cps
Potassium	39-2	146639	144400	146143	145727	0.81	cps
Rhodium	103-1	10088611	10171134	10327977	10195907	1.19	cps
Rhodium	103-2	3144336	3104342	3071717	3106798	1.17	cps
Scandium	45-1	7322037	7378710	7435442	7378730	0.77	cps
Scandium	45-2	66627	67190	65418	66412	1.36	cps
Selenium	77-2	67	103	80	83	22.27	cps
Selenium	78-2	65	65	19	49	54.13	cps
Selenium	82-1	125	49	103	92	42.39	cps
Silicon	28-1	7153433	7147156	7260776	7187122	0.89	cps
Silver	109-1	917	867	1017	933	8.18	cps
Silver	107-1	1042	1175	1042	1086	7.09	cps
Sodium	23-2	60195	61442	59090	60242	1.95	cps
Strontium	86-1	406540	410507	417064	411370	1.29	cps
Strontium	88-1	3632209	3547060	3619782	3599684	1.28	cps
Sulfur	34-1	531733	531433	529985	531050	0.18	cps
Terbium	159-1	12031647	12420355	12278533	12243512	1.61	cps
Terbium	159-2	3082159	3026831	3061887	3056959	0.92	cps
Thallium	203-1	2517	2400	2409	2442	2.67	cps
Thallium	205-1	5868	5777	5768	5804	0.96	cps
Tin	118-1	2100	2067	2425	2198	9.01	cps
Titanium	47-1	489640	504230	499999	497956	1.51	cps
Uranium	238-1	32285	33713	34248	33416	3.04	cps
Vanadium	51-2	41602	41903	41659	41721	0.38	cps
Yttrium	89-1	12582562	12580996	12682303	12615287	0.46	cps
Yttrium	89-2	453689	448276	447391	449785	0.76	cps
Zinc	66-2	24168	24051	24338	24186	0.60	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10LX5	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-08 16:45:57	DataFile Name :	031SMPL_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	312634	311822	319208	314555	1.29	cps
Zirconium	91-1	68557	69184	70181	69308	1.18	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10MS	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:49:16	DataFile Name :	032SMPL_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	844257	857618	840038	847304	1.08	cps
Antimony	121-1	1963782	1966131	1983701	1971204	0.55	cps
Arsenic	75-2	61456	62403	61237	61699	1.00	cps
Barium	135-1	6394710	6414576	6368898	6392728	0.36	cps
Barium	137-1	10908863	10779416	10887551	10858610	0.64	cps
Beryllium	9-1	670027	669402	666382	668604	0.29	cps
Bismuth	209-1	6232381	6159217	6312342	6234647	1.23	cps
Bismuth	209-2	2087423	1860989	2138946	2029119	7.29	cps
Boron	10-1	85328	88631	89654	87871	2.57	cps
Boron	11-1	400910	412166	416923	410000	2.01	cps
Cadmium	111-1	938513	939457	937568	938513	0.10	cps
Cadmium	106-1	101801	103580	103588	102990	1.00	cps
Cadmium	108-1	67280	67996	67610	67629	0.53	cps
Calcium	43-1	7450303	7503591	7356156	7436683	1.00	cps
Calcium	44-1	119865824	120795265	120702594	120454561	0.43	cps
Chromium	52-2	703863	710686	702151	705567	0.64	cps
Cobalt	59-2	1258668	1261628	1256775	1259024	0.19	cps
Copper	63-2	2223583	2222516	2227174	2224424	0.11	cps
Dysprosium	156-1	244460	247640	249681	247261	1.06	cps
Dysprosium	156-2	69168	69781	67875	68941	1.41	cps
Erbium	164-1	200748	201871	202008	201542	0.34	cps
Erbium	164-2	49828	49838	49166	49611	0.78	cps
Gadolinium	160-1	237631	241341	244254	241075	1.38	cps
Gadolinium	160-2	81345	82415	82267	82009	0.71	cps
Holmium	165-1	11285248	11475078	11605451	11455259	1.41	cps
Holmium	165-2	2990819	2658061	2986871	2878584	6.63	cps
Indium	115-1	9917914	9777366	9827587	9840956	0.72	cps
Indium	115-2	500602	442482	496769	479951	6.77	cps
Iron	56-2	140529386	140336723	139975306	140280472	0.20	cps
Iron	57-2	3524386	3567089	3537297	3542924	0.62	cps
Krypton	83-1	703	757	723	728	3.70	cps
Lead	206-1	2723341	2747370	2743357	2738023	0.47	cps
Lead	207-1	2446709	2478360	2489855	2471641	0.90	cps
Lead	208-1	11095403	11049054	11193697	11112718	0.66	cps
Lithium	6-1	1878615	1871285	1914456	1888119	1.22	cps
Magnesium	24-2	5864918	5892125	5839508	5865517	0.45	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10MS	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:49:16	DataFile Name :	032SMPL_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1900703	1874549	1870869	1882040	0.86	cps
Molybdenum	94-1	7924990	7941294	7785073	7883786	1.09	cps
Molybdenum	95-1	9065691	8941318	9194324	9067111	1.40	cps
Molybdenum	96-1	9995539	10276716	10258335	10176863	1.55	cps
Molybdenum	97-1	5652207	5764876	5649580	5688888	1.16	cps
Molybdenum	98-1	14415786	14477085	14587237	14493369	0.60	cps
Neodymium	150-1	386647	385020	389081	386916	0.53	cps
Neodymium	150-2	63225	63908	63416	63516	0.56	cps
Nickel	60-2	450665	452842	453461	452323	0.32	cps
Phosphorus	31-2	3601	3617	3709	3642	1.60	cps
Potassium	39-2	1152214	1161199	1146936	1153449	0.63	cps
Rhodium	103-1	9209414	9341523	9343947	9298294	0.83	cps
Rhodium	103-2	2816264	2515228	2805791	2712427	6.30	cps
Scandium	45-1	7396762	7400783	7442056	7413200	0.34	cps
Scandium	45-2	66657	60455	66537	64550	5.49	cps
Selenium	77-2	833	763	790	796	4.44	cps
Selenium	78-2	1609	1598	1569	1592	1.32	cps
Selenium	82-1	60511	60717	60521	60583	0.19	cps
Silicon	28-1	43808672	44053528	43445859	43769353	0.70	cps
Silver	109-1	292803	297752	294370	294975	0.86	cps
Silver	107-1	312947	314687	312405	313346	0.38	cps
Sodium	23-2	4608302	4649570	4618262	4625378	0.47	cps
Strontium	86-1	3110577	3093474	3041914	3081988	1.16	cps
Strontium	88-1	26118042	26624060	25966463	26236188	1.31	cps
Sulfur	34-1	886234	989230	978840	951435	5.96	cps
Terbium	159-1	11874851	11993441	12120288	11996193	1.02	cps
Terbium	159-2	2950036	2615712	2877623	2814457	6.25	cps
Thallium	203-1	2904712	2907837	2938524	2917024	0.64	cps
Thallium	205-1	6803404	6759297	6895957	6819553	1.02	cps
Tin	118-1	2786127	2814486	2818302	2806305	0.63	cps
Titanium	47-1	5758400	5741309	5708250	5735986	0.44	cps
Uranium	238-1	8543660	8548663	8676422	8589582	0.88	cps
Vanadium	51-2	538422	547501	536199	540707	1.11	cps
Yttrium	89-1	14278703	14208866	14058614	14182061	0.79	cps
Yttrium	89-2	509604	462006	501719	491110	5.19	cps
Zinc	66-2	230330	231689	229588	230535	0.46	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10MS	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:49:16	DataFile Name :	032SMPL_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7705350	7733981	7719860	7719730	0.19	cps
Zirconium	91-1	1741041	1738832	1724840	1734904	0.51	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10MSD	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:52:25	DataFile Name :	033SMPL_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	822022	824625	834428	827025	0.79	cps
Antimony	121-1	1991532	1966269	1968336	1975379	0.71	cps
Arsenic	75-2	60431	60963	60636	60677	0.44	cps
Barium	135-1	6234260	6239248	6280218	6251242	0.40	cps
Barium	137-1	10590029	10678755	10579314	10616033	0.51	cps
Beryllium	9-1	657914	655214	664280	659136	0.71	cps
Bismuth	209-1	6237681	6241175	6272076	6250311	0.30	cps
Bismuth	209-2	2118889	2070639	2095735	2095088	1.15	cps
Boron	10-1	86779	86989	89924	87897	2.00	cps
Boron	11-1	401329	414289	420603	412074	2.38	cps
Cadmium	111-1	921133	929755	928903	926597	0.51	cps
Cadmium	106-1	101137	99961	100650	100582	0.59	cps
Cadmium	108-1	66673	66220	66681	66525	0.40	cps
Calcium	43-1	7072969	6956718	7152888	7060858	1.40	cps
Calcium	44-1	112679011	113075873	114811719	113522201	1.00	cps
Chromium	52-2	689431	693137	697836	693468	0.61	cps
Cobalt	59-2	1232289	1229975	1239674	1233979	0.41	cps
Copper	63-2	2178708	2148937	2189247	2172297	0.96	cps
Dysprosium	156-1	223549	223643	223209	223467	0.10	cps
Dysprosium	156-2	61785	61832	62103	61907	0.28	cps
Erbium	164-1	182399	184112	182924	183145	0.48	cps
Erbium	164-2	45101	45332	44790	45075	0.60	cps
Gadolinium	160-1	217622	215897	219622	217714	0.86	cps
Gadolinium	160-2	73019	73783	74045	73616	0.72	cps
Holmium	165-1	11310739	11363711	11342961	11339137	0.24	cps
Holmium	165-2	2990381	2961897	3006350	2986210	0.75	cps
Indium	115-1	9907745	9869941	9840559	9872748	0.34	cps
Indium	115-2	506649	499510	498030	501396	0.92	cps
Iron	56-2	132870811	133140809	133816131	133275917	0.37	cps
Iron	57-2	3435654	3406418	3402232	3414768	0.53	cps
Krypton	83-1	607	617	717	647	9.41	cps
Lead	206-1	2646534	2689834	2668702	2668357	0.81	cps
Lead	207-1	2396897	2397556	2422921	2405792	0.62	cps
Lead	208-1	10755443	10862101	10837177	10818240	0.52	cps
Lithium	6-1	1887736	1939653	1928692	1918693	1.43	cps
Magnesium	24-2	5724302	5705428	5689810	5706513	0.30	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10MSD	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:52:25	DataFile Name :	033SMPL_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1804059	1814064	1803678	1807267	0.33	cps
Molybdenum	94-1	7693962	7748782	7779185	7740643	0.56	cps
Molybdenum	95-1	8853287	8894322	8980316	8909308	0.73	cps
Molybdenum	96-1	9990971	10086180	10145910	10074353	0.78	cps
Molybdenum	97-1	5534828	5609908	5608614	5584450	0.77	cps
Molybdenum	98-1	14333346	14188833	14255712	14259297	0.51	cps
Neodymium	150-1	342033	346368	347341	345247	0.82	cps
Neodymium	150-2	56889	57231	56752	56957	0.43	cps
Nickel	60-2	442642	441765	448385	444264	0.81	cps
Phosphorus	31-2	3742	3651	3767	3720	1.65	cps
Potassium	39-2	1145525	1158822	1148672	1151007	0.60	cps
Rhodium	103-1	9329860	9260831	9338559	9309750	0.46	cps
Rhodium	103-2	2866753	2827217	2830342	2841437	0.77	cps
Scandium	45-1	7350344	7321387	7409551	7360427	0.61	cps
Scandium	45-2	66560	66265	67049	66625	0.59	cps
Selenium	77-2	790	740	673	734	7.97	cps
Selenium	78-2	1635	1541	1628	1601	3.28	cps
Selenium	82-1	59276	60099	60491	59955	1.03	cps
Silicon	28-1	38995803	39097636	39407032	39166824	0.55	cps
Silver	109-1	308641	311389	311658	310563	0.54	cps
Silver	107-1	329513	325052	330870	328478	0.93	cps
Sodium	23-2	4542540	4563378	4612719	4572879	0.79	cps
Strontium	86-1	2933100	3025909	2974779	2977930	1.56	cps
Strontium	88-1	24882184	25398723	25133859	25138255	1.03	cps
Sulfur	34-1	917987	923059	921717	920921	0.29	cps
Terbium	159-1	11835981	11806663	11864879	11835841	0.25	cps
Terbium	159-2	2971724	2952581	2911074	2945126	1.05	cps
Thallium	203-1	2841194	2897950	2874632	2871259	0.99	cps
Thallium	205-1	6567073	6664293	6666967	6632777	0.86	cps
Tin	118-1	2841715	2815131	2863806	2840217	0.86	cps
Titanium	47-1	5450050	5488767	5503097	5480638	0.50	cps
Uranium	238-1	8453885	8433346	8449666	8445632	0.13	cps
Vanadium	51-2	529499	534272	533737	532503	0.49	cps
Yttrium	89-1	14080430	14164213	14078259	14107634	0.35	cps
Yttrium	89-2	498794	495478	493835	496036	0.51	cps
Zinc	66-2	224423	225095	224501	224673	0.16	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10MSD	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:52:25	DataFile Name :	033SMPL_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7558675	7685983	7550070	7598243	1.00	cps
Zirconium	91-1	1685219	1687602	1697158	1689993	0.37	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10A	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)A	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:55:33	DataFile Name :	034SMPL_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	840560	846097	837276	841311	0.53	cps
Antimony	121-1	1915309	1927716	1954328	1932451	1.03	cps
Arsenic	75-2	60789	61473	61025	61095	0.57	cps
Barium	135-1	6197741	6249160	6248117	6231673	0.47	cps
Barium	137-1	10566054	10614465	10696956	10625825	0.62	cps
Beryllium	9-1	662344	653419	663126	659630	0.82	cps
Bismuth	209-1	6131359	6125429	6161523	6139437	0.32	cps
Bismuth	209-2	2055950	2124599	2080836	2087128	1.67	cps
Boron	10-1	88204	87366	89788	88453	1.39	cps
Boron	11-1	409384	420556	426916	418952	2.12	cps
Cadmium	111-1	917684	929514	930663	925953	0.78	cps
Cadmium	106-1	100523	98962	100985	100157	1.06	cps
Cadmium	108-1	67083	67816	67799	67566	0.62	cps
Calcium	43-1	7196757	7265400	7256370	7239509	0.52	cps
Calcium	44-1	116668703	115796519	116269398	116244873	0.38	cps
Chromium	52-2	696443	698901	697938	697761	0.18	cps
Cobalt	59-2	1240971	1244031	1237269	1240757	0.27	cps
Copper	63-2	2172015	2170046	2187987	2176683	0.45	cps
Dysprosium	156-1	230544	230960	233819	231774	0.77	cps
Dysprosium	156-2	64752	64565	65148	64822	0.46	cps
Erbium	164-1	186869	188745	190503	188706	0.96	cps
Erbium	164-2	46493	46523	47205	46740	0.86	cps
Gadolinium	160-1	224650	229005	225885	226513	0.99	cps
Gadolinium	160-2	77260	77669	77539	77489	0.27	cps
Holmium	165-1	11149140	11209558	11256683	11205127	0.48	cps
Holmium	165-2	2979786	2974244	2962828	2972286	0.29	cps
Indium	115-1	9709519	9675768	9818294	9734527	0.77	cps
Indium	115-2	491847	502401	498379	497542	1.07	cps
Iron	56-2	136509161	136248975	134271345	135676494	0.90	cps
Iron	57-2	3454673	3433371	3479557	3455867	0.67	cps
Krypton	83-1	700	647	700	682	4.51	cps
Lead	206-1	2633717	2699778	2680402	2671299	1.27	cps
Lead	207-1	2399075	2405548	2395851	2400158	0.21	cps
Lead	208-1	10770960	10851651	10966473	10863028	0.90	cps
Lithium	6-1	1892597	1916626	1886371	1898532	0.84	cps
Magnesium	24-2	5848748	5836536	5747275	5810853	0.95	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10A	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)A	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:55:33	DataFile Name :	034SMPL_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1871052	1845542	1844342	1853645	0.81	cps
Molybdenum	94-1	7630095	7861804	7803369	7765089	1.55	cps
Molybdenum	95-1	8796403	8926522	8968717	8897214	1.01	cps
Molybdenum	96-1	10030564	10013308	10185700	10076524	0.94	cps
Molybdenum	97-1	5640111	5651229	5674551	5655297	0.31	cps
Molybdenum	98-1	14217070	14091031	14334892	14214331	0.86	cps
Neodymium	150-1	360756	359619	364088	361488	0.64	cps
Neodymium	150-2	59869	59970	60083	59974	0.18	cps
Nickel	60-2	448173	451290	446957	448807	0.50	cps
Phosphorus	31-2	3701	3534	3801	3678	3.66	cps
Potassium	39-2	1158950	1154515	1160848	1158104	0.28	cps
Rhodium	103-1	9240954	9118022	9234064	9197680	0.75	cps
Rhodium	103-2	2753493	2826279	2796939	2792237	1.31	cps
Scandium	45-1	7386194	7351941	7455800	7397978	0.72	cps
Scandium	45-2	65563	67886	67046	66832	1.76	cps
Selenium	77-2	797	797	757	783	2.95	cps
Selenium	78-2	1563	1554	1635	1584	2.82	cps
Selenium	82-1	59331	59573	59888	59597	0.47	cps
Silicon	28-1	45237646	44811698	45907484	45318943	1.22	cps
Silver	109-1	300219	303258	305724	303067	0.91	cps
Silver	107-1	322775	319476	325418	322556	0.92	cps
Sodium	23-2	4608694	4599429	4626942	4611688	0.30	cps
Strontium	86-1	2990983	2991293	3011334	2997870	0.39	cps
Strontium	88-1	25405257	25550040	25527114	25494137	0.31	cps
Sulfur	34-1	931751	935299	938584	935211	0.37	cps
Terbium	159-1	11694293	11716317	11743699	11718103	0.21	cps
Terbium	159-2	2862566	2885977	2910985	2886510	0.84	cps
Thallium	203-1	2783085	2854928	2816815	2818276	1.28	cps
Thallium	205-1	6658488	6631058	6684054	6657866	0.40	cps
Tin	118-1	2701686	2691753	2747255	2713565	1.09	cps
Titanium	47-1	5745725	5709001	5765383	5740037	0.50	cps
Uranium	238-1	8451088	8350521	8545309	8448972	1.15	cps
Vanadium	51-2	539185	542451	536435	539357	0.56	cps
Yttrium	89-1	14073630	14032973	14077526	14061376	0.18	cps
Yttrium	89-2	494554	500640	498798	497997	0.63	cps
Zinc	66-2	227305	226601	227895	227267	0.28	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10A	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)A	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 16:55:33	DataFile Name :	034SMPL_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7546596	7561656	7610777	7573010	0.44	cps
Zirconium	91-1	1687161	1724948	1718422	1710177	1.18	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10LREX5	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)LRE	Dilution Factor :	5
Date & Time Acquired ::	2018-05-08 16:58:43	DataFile Name :	035SMPL_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	141752	140068	138226	140015	1.26	cps
Antimony	121-1	1142	1308	1250	1233	6.86	cps
Arsenic	75-2	800	733	687	740	7.67	cps
Barium	135-1	369013	372311	373959	371761	0.68	cps
Barium	137-1	639939	649285	640096	643107	0.83	cps
Beryllium	9-1	2139	1950	2200	2097	6.22	cps
Bismuth	209-1	6688119	6429658	6070330	6396036	4.85	cps
Bismuth	209-2	2243673	2240639	2207376	2230563	0.90	cps
Boron	10-1	5785	5485	5518	5596	2.94	cps
Boron	11-1	27953	26183	24864	26333	5.89	cps
Cadmium	111-1	2226	2227	2129	2194	2.56	cps
Cadmium	106-1	2734	2600	2650	2661	2.53	cps
Cadmium	108-1	125	146	163	144	13.01	cps
Calcium	43-1	1318505	1352769	1332219	1334498	1.29	cps
Calcium	44-1	20877164	20833566	20960482	20890404	0.31	cps
Chromium	52-2	33808	33276	32732	33272	1.62	cps
Cobalt	59-2	40389	40362	40175	40308	0.29	cps
Copper	63-2	88989	88456	87359	88268	0.94	cps
Dysprosium	156-1	42127	43106	42286	42506	1.24	cps
Dysprosium	156-2	12142	11952	11972	12022	0.87	cps
Erbium	164-1	35843	35525	36410	35926	1.25	cps
Erbium	164-2	9210	8249	8593	8684	5.61	cps
Gadolinium	160-1	42512	43022	42855	42797	0.61	cps
Gadolinium	160-2	14315	14338	14608	14420	1.13	cps
Holmium	165-1	11365288	11283493	10664329	11104370	3.45	cps
Holmium	165-2	3062948	3064238	3035305	3054164	0.54	cps
Indium	115-1	10408202	10246388	9787345	10147311	3.17	cps
Indium	115-2	526625	528678	526758	527353	0.22	cps
Iron	56-2	24156399	23866123	23953848	23992123	0.62	cps
Iron	57-2	602585	603562	598223	601457	0.47	cps
Krypton	83-1	500	487	433	473	7.45	cps
Lead	206-1	86717	87987	87136	87280	0.74	cps
Lead	207-1	72529	73401	71311	72414	1.45	cps
Lead	208-1	338587	337556	335110	337084	0.53	cps
Lithium	6-1	1946393	1952397	1845644	1914811	3.13	cps
Magnesium	24-2	799811	800776	794166	798251	0.45	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10LREX5	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)LRE	Dilution Factor :	5
Date & Time Acquired ::	2018-05-08 16:58:43	DataFile Name :	035SMPL_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	322055	321237	316038	319776	1.02	cps
Molybdenum	94-1	50554	52477	51833	51621	1.90	cps
Molybdenum	95-1	5260	5752	6835	5949	13.55	cps
Molybdenum	96-1	14066	14884	15526	14825	4.94	cps
Molybdenum	97-1	3409	3351	4568	3776	18.18	cps
Molybdenum	98-1	9312	9862	11197	10124	9.57	cps
Neodymium	150-1	61746	61712	61973	61811	0.23	cps
Neodymium	150-2	9901	10211	10141	10084	1.61	cps
Nickel	60-2	28863	29258	29004	29042	0.69	cps
Phosphorus	31-2	750	817	725	764	6.20	cps
Potassium	39-2	113187	111348	114589	113041	1.44	cps
Rhodium	103-1	9992149	9840894	9357579	9730207	3.41	cps
Rhodium	103-2	3011202	3032639	2997252	3013698	0.59	cps
Scandium	45-1	7177640	7184888	6686094	7016207	4.07	cps
Scandium	45-2	64591	65686	64521	64933	1.01	cps
Selenium	77-2	87	83	50	73	27.65	cps
Selenium	78-2	37	50	35	41	19.81	cps
Selenium	82-1	93	107	125	108	14.86	cps
Silicon	28-1	10345739	10608378	10527817	10493978	1.28	cps
Silver	109-1	742	1150	1142	1011	23.08	cps
Silver	107-1	1225	1017	1150	1131	9.33	cps
Sodium	23-2	52673	52138	50006	51606	2.73	cps
Strontium	86-1	356289	354188	355506	355327	0.30	cps
Strontium	88-1	3125458	3124574	3108082	3119371	0.31	cps
Sulfur	34-1	532452	531840	536729	533674	0.50	cps
Terbium	159-1	12120044	12035476	11357061	11837527	3.53	cps
Terbium	159-2	2961710	3004489	2988765	2984988	0.72	cps
Thallium	203-1	5685	5268	5543	5499	3.85	cps
Thallium	205-1	13066	12765	12982	12938	1.20	cps
Tin	118-1	2817	2617	3151	2862	9.42	cps
Titanium	47-1	497632	495089	497290	496670	0.28	cps
Uranium	238-1	51693	51641	51818	51717	0.18	cps
Vanadium	51-2	28837	28145	28639	28540	1.25	cps
Yttrium	89-1	12232086	11984830	11309708	11842208	4.03	cps
Yttrium	89-2	433467	434149	433111	433576	0.12	cps
Zinc	66-2	16023	16377	16060	16153	1.20	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	J2730-10LREX5	Instrumnet Name :	P8
Client Sample ID :	EPE-F-6A(90-92)LRE	Dilution Factor :	5
Date & Time Acquired ::	2018-05-08 16:58:43	DataFile Name :	035SMPL_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	134537	133810	134729	134358	0.36	cps
Zirconium	91-1	29516	29692	29767	29658	0.43	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P8
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 17:40:28	DataFile Name :	041CCV_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	452899	451625	450914	451813	0.22	cps
Antimony	121-1	4682468	4719598	4703644	4701903	0.40	cps
Arsenic	75-2	68293	68144	68467	68301	0.24	cps
Barium	135-1	4804770	4868068	4863413	4845417	0.73	cps
Barium	137-1	8222198	8270705	8201046	8231316	0.43	cps
Beryllium	9-1	762692	755375	753860	757309	0.62	cps
Bismuth	209-1	5945170	6238430	6242019	6141873	2.77	cps
Bismuth	209-2	2194842	2201403	2237674	2211306	1.04	cps
Boron	10-1	89428	93387	92288	91701	2.23	cps
Boron	11-1	423580	431470	438123	431058	1.69	cps
Cadmium	111-1	1021625	1028873	1029334	1026611	0.42	cps
Cadmium	106-1	109191	109711	111072	109991	0.88	cps
Cadmium	108-1	72955	73989	73927	73623	0.79	cps
Calcium	43-1	6879943	6923532	6813589	6872355	0.81	cps
Calcium	44-1	109313048	109851377	109020998	109395141	0.39	cps
Chromium	52-2	611437	612030	606156	609874	0.53	cps
Cobalt	59-2	1322641	1317485	1309470	1316532	0.50	cps
Copper	63-2	2293074	2278740	2267731	2279848	0.56	cps
Dysprosium	156-1	108	25	92	75	58.80	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	17	50	83	50	66.67	cps
Erbium	164-2	27	10	10	16	61.87	cps
Gadolinium	160-1	100	142	142	128	18.82	cps
Gadolinium	160-2	37	20	33	30	29.40	cps
Holmium	165-1	10811517	11381208	11329365	11174030	2.82	cps
Holmium	165-2	3124525	3123942	3191350	3146606	1.23	cps
Indium	115-1	9591779	10159707	10325696	10025727	3.84	cps
Indium	115-2	548551	544247	544819	545872	0.43	cps
Iron	56-2	104050136	102280716	103234300	103188384	0.86	cps
Iron	57-2	2645590	2651279	2615096	2637322	0.74	cps
Krypton	83-1	540	543	517	533	2.72	cps
Lead	206-1	2379943	2380291	2374477	2378237	0.14	cps
Lead	207-1	2143623	2159850	2168586	2157353	0.59	cps
Lead	208-1	9611547	9740822	9702589	9684986	0.69	cps
Lithium	6-1	1862729	1971761	1963618	1932703	3.14	cps
Magnesium	24-2	10418549	10425644	10424998	10423064	0.04	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P8
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 17:40:28	DataFile Name :	041CCV_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	346100	342793	342085	343660	0.62	cps
Molybdenum	94-1	8613208	8762123	8768060	8714463	1.01	cps
Molybdenum	95-1	10603730	10499840	10597090	10566887	0.55	cps
Molybdenum	96-1	11848162	11728080	11821306	11799183	0.53	cps
Molybdenum	97-1	6632383	6644775	6671701	6649620	0.30	cps
Molybdenum	98-1	17023051	17010247	17015658	17016319	0.04	cps
Neodymium	150-1	193	153	213	187	16.37	cps
Neodymium	150-2	30	10	20	20	50.00	cps
Nickel	60-2	391903	386083	388542	388843	0.75	cps
Phosphorus	31-2	6710	6544	6735	6663	1.56	cps
Potassium	39-2	3072422	3036698	3049008	3052709	0.59	cps
Rhodium	103-1	9303146	9754624	9797193	9618321	2.85	cps
Rhodium	103-2	3044787	3036682	3039700	3040390	0.13	cps
Scandium	45-1	7004091	7388053	7306030	7232724	2.80	cps
Scandium	45-2	68666	68737	68857	68754	0.14	cps
Selenium	77-2	517	453	563	511	10.80	cps
Selenium	78-2	1689	1663	1763	1705	3.04	cps
Selenium	82-1	69707	69519	69079	69435	0.46	cps
Silicon	28-1	2737183	2795110	2774362	2768885	1.06	cps
Silver	109-1	5001742	5003576	4965256	4990191	0.43	cps
Silver	107-1	5288579	5409030	5320309	5339306	1.17	cps
Sodium	23-2	24193746	24033431	24118935	24115371	0.33	cps
Strontium	86-1	1459698	1469701	1465220	1464873	0.34	cps
Strontium	88-1	12347621	12427401	12309569	12361530	0.49	cps
Sulfur	34-1	843991	835914	835184	838363	0.58	cps
Terbium	159-1	11315535	11970165	12077024	11787575	3.50	cps
Terbium	159-2	3117082	3100505	3095946	3104511	0.36	cps
Thallium	203-1	2937579	2988156	3012046	2979260	1.28	cps
Thallium	205-1	6901176	6944615	7023857	6956549	0.89	cps
Tin	118-1	3238216	3290063	3339309	3289196	1.54	cps
Titanium	47-1	3202699	3206507	3151831	3187012	0.96	cps
Uranium	238-1	8633673	8673181	8785223	8697359	0.90	cps
Vanadium	51-2	442951	440105	439365	440807	0.43	cps
Yttrium	89-1	11288110	11822665	11883374	11664716	2.81	cps
Yttrium	89-2	439875	436891	439909	438892	0.39	cps
Zinc	66-2	204311	204254	203013	203860	0.36	cps

LB Number :	LB95216	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P8
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired ::	2018-05-08 17:40:28	DataFile Name :	041CCV_P8050818-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7521150	7438065	7437968	7465728	0.64	cps
Zirconium	91-1	1678362	1705904	1682098	1688788	0.88	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	33	58	44	28.65	cps
Antimony	121-1	2234	3517	3759	3170	25.86	cps
Arsenic	75-2	7	13	11	10	26.93	cps
Barium	135-1	50	50	58	53	9.12	cps
Barium	137-1	125	117	83	108	20.35	cps
Beryllium	9-1	144	128	100	124	18.10	cps
Bismuth	209-1	6619828	6450088	6170936	6413617	3.53	cps
Bismuth	209-2	2286941	2269733	2298468	2285047	0.63	cps
Boron	10-1	1025	1108	950	1028	7.71	cps
Boron	11-1	4893	4368	4192	4484	8.13	cps
Cadmium	111-1	1483	1465	1798	1582	11.85	cps
Cadmium	106-1	2109	2075	2525	2236	11.21	cps
Cadmium	108-1	8	13	4	8	49.98	cps
Calcium	43-1	892	908	867	889	2.36	cps
Calcium	44-1	33700	33199	33667	33522	0.84	cps
Chromium	52-2	827	843	867	846	2.38	cps
Cobalt	59-2	67	63	77	69	10.08	cps
Copper	63-2	1307	1263	1263	1278	1.96	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	92	33	67	64	45.81	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	67	92	33	64	45.81	cps
Gadolinium	160-2	20	13	13	16	24.76	cps
Holmium	165-1	11294651	11065209	10724892	11028251	2.60	cps
Holmium	165-2	3102803	3076865	3089817	3089829	0.42	cps
Indium	115-1	10497722	10390285	10109958	10332655	1.94	cps
Indium	115-2	559200	559175	549717	556031	0.98	cps
Iron	56-2	3556	3100	3328	3328	6.85	cps
Iron	57-2	106	78	100	94	15.56	cps
Krypton	83-1	487	440	443	457	5.70	cps
Lead	206-1	506	394	461	454	12.33	cps
Lead	207-1	356	356	394	369	6.09	cps
Lead	208-1	1733	1889	1906	1843	5.16	cps
Lithium	6-1	2022422	1973634	1949033	1981696	1.88	cps
Magnesium	24-2	342	242	375	319	21.72	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	40	60	51	19.92	cps
Molybdenum	94-1	983	1125	1242	1117	11.59	cps
Molybdenum	95-1	908	1067	1684	1220	33.58	cps
Molybdenum	96-1	1000	1617	2109	1575	35.26	cps
Molybdenum	97-1	542	850	1158	850	36.28	cps
Molybdenum	98-1	1333	2084	2684	2034	33.27	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	150	140	97	129	21.99	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	3834	3759	3892	3828	1.75	cps
Rhodium	103-1	10216644	10095427	9912568	10074880	1.52	cps
Rhodium	103-2	3202707	3171191	3136934	3170277	1.04	cps
Scandium	45-1	7351197	7226989	7077320	7218502	1.90	cps
Scandium	45-2	68761	67927	67722	68137	0.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	7	2	7	68.65	cps
Selenium	82-1	-40	-2	2	-13	-177.87	cps
Silicon	28-1	434118	435685	434912	434905	0.18	cps
Silver	109-1	183	167	158	169	7.51	cps
Silver	107-1	83	183	108	125	41.63	cps
Sodium	23-2	11797	12081	12481	12120	2.84	cps
Strontium	86-1	658	692	700	683	3.23	cps
Strontium	88-1	192	217	250	219	13.34	cps
Sulfur	34-1	444929	448438	447831	447066	0.42	cps
Terbium	159-1	11909736	11548963	11335501	11598067	2.50	cps
Terbium	159-2	3040441	3038671	3003482	3027532	0.69	cps
Thallium	203-1	558	550	617	575	6.32	cps
Thallium	205-1	1242	1258	1383	1295	5.98	cps
Tin	118-1	1200	1225	1283	1236	3.46	cps
Titanium	47-1	292	317	233	281	15.24	cps
Uranium	238-1	175	133	125	144	18.54	cps
Vanadium	51-2	13	17	17	16	12.40	cps
Yttrium	89-1	11588571	11590663	11384937	11521391	1.03	cps
Yttrium	89-2	434745	431896	425326	430655	1.12	cps
Zinc	66-2	123	123	130	126	3.06	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1450	1375	1258	1361	7.10	cps
Zirconium	91-1	308	375	242	308	21.62	cps